## FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

No. 2122.—Vol. XLVI.

## LONDON, SATURDAY, APRIL 22, 1876.

SUPPLEMENT. | PRICE SIXPENCE PER ANNUM, BY POST, £1 42.

R. JAMES H. CROFTS, STOCK AND SHARE BROKER, No. 1, FINCH LANE, COUNHILL, LONDON, E.C. Established 1842.

Ess transacted in all descriptions of Mining Stocks and Shares (British sign), Consols, Banks, Bonds (Foreign and Colonial), Railways, Miscel-Instrance, Assurance, Telegraph, Shipping, Canal, Gas, Water, and

Sons Insurance, Assurance, recognized to the ving a general market value. 
BINESS REGORIERY and IRON Shares, and in the principal WAGON and 
SUFACTURING COMPANIES OF the NORTH OF ENGLAND AND SCILLARD. 
SUSINESS in all the principal COTTON SHYNING SHARES. 
SUSINESS in all the principal COTTON SHYNING SHARES. 
THE CROFTS, having now established CORRESPONDING AGENCIES in all the 
IRT TOWNS Of the United Kingdom, is prepared to deal in the various LOCAL 
class and Shares at close market prices. 
Accounts opened for the Fortnightly Settlement. 
Monthly and Daily Price Lists issued. 
Bankers: City Bank, London; South Cornwall Bank, St. Austell.

Argentine, £71/s. Aberdaumant, 16s. Almada, 11s. 3d. Assheton, £11/2. log, 3s. Blue Tent. Cardiff and Swanses. Clee Hill, 2s. 6d.

East Cara ion, £15%. East Van, £9.

RCIAL DEALINGS in the following SHARES:— trgentine, £71%. 5 Emma, £154. he following SHARES:—
5 Emma, £1\(\frac{1}{2}\).
16 Glyn.
16 Glyn.
150 Great West Van, 1286
160 Javali, 8s.
20 Llanrwst, £2.
10 Monydd Gorddu.
25 Marke Valley, £2\(\frac{1}{2}\).
26 More Valley, 21\(\frac{1}{2}\).
26 More Valley, £2\(\frac{1}{2}\).
26 Penstruthal, 7s. 6d.
17 Parlys Mountain, 15s. 6
18 Penstruthal, 7s. 6d.
19 Pateley Bridge, £5\(\frac{1}{2}\).
20 West. Tankerville, £2.
21 W. Wye Valley, £4\(\frac{1}{2}\).
21 W. Wye Valley, £6.

10 Pennant. 10 Pateley Bridge, £5½. 20 Pennerley, £2½. 50 Plynlimmon. Special Business in Positive Assurance Shares, \* Shares sold for forward delivery (one, two, or three months) on deposit to poper cent.

on hand in all the leading TIN, COPPER, and LEAD Shares. AILWAYS .- SPECIAL BUSINESS. Fortnightly accounts

JAMES H. CROFTS, 1 FINCH LANE, LONDON.

OREIGN BONDS — ARGENTINE — EGYPTIAN—RUSSIAN, SPECIAL BUSINESS, and latest information.

JAMES H CROFTS, 1, FINCH LANE, LONDON.

EAD SHARES. — GLYN—EAST VAN—ABERDAUNANT. SPECIAL BUSINESS. JAMES H. CROFTS, 1, FINCH LANE, LONDON.

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SPECIAL BUSINESS, at close prices, in the SHARES of all the principal HOME and FOREIGN MINES.

unts opened for the Fortnightly Settlement on receipt of the usual cover.

References given and required when necessary.

A STOCK and SHARE LIST sent FREE on application.

BANKERS-The NATIONAL PROVINCIAL BANK OF ENGLAND, E.C. Mr. Bumpus directs particular attention to

MINING INVESTMENTS,

MINIAU LINESTMEATS, and is in a position to give reliable information and advice respecting the same. Large profits may be realised during the next few months by purchasing well-elected Shares at present prices, as there are several likely to have a great rise

year. e following are strongly recommended, viz. :— Pernerley, Parys Mountain, Argentine, Blue Tent, and Condes of Chill.

WILLIAM HENRY BUMPUS, SWORN BROKER.
OFFICES: 44, THREADNEEDLE STREET, LONDON, E.C. W. H. B. can supply Aberdaunant, Llanrwst, and Monydd Gorddu Shares on wourable terms.

RERDINAND R. KIRK, STOCKBROKER,
SPECIAL ATTENTION directed to FOREIGN BONDS and RAILWAYS
Some unusual opportunities are now offering for sale or purchase. Fortnightly
accounts opened on the usual terms.
Bankers, London and Westminster, Lothbury.
Wherever a difficulty arises as to the price of any security, whether quoted o
not, application should be made as above, when full particulars will be forwarded
by return of post.

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RESULTED. WHEAL CREBOR, AND PARYS MOUNTAIN.—These shares are strongly recom-

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18. H. and Co. have Special Business in Chapel House and Alltami Collieries, also in the shares of the Oregon Gold, and the Patent Ligno Mineral Companies, and will be happy to give full particulars of the above desirable nears investments on application.
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urchased whilst they can be had so cheaply. They have a longer run on the lode an the Van or East Van.
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C. (Estaorished 19 Years),
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26 Penstruthal, 8s, 6d,
25 Port Nigel, 25s,
50 Rookhope Val, 20s,
10 Rossa Grande, 2s, 9d,
20 Richmond, 274,
25 Santa Barbarn, 31s, 9d,
30 San Pedro, £2 13s, 9d,
40 Tecoma, 15s,
25 Van Consols, £21,
20 W. Tankerville, £2,
30 W. Pateley Bigg, £51,
25 West Wy Vall, £42,
20 W. Assheton, £2 1s 3d,
20 Wh. Crebor, £2 6s,

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N.B.—Circulation of this publication about 5000 monthly.

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| Annana and Lifto      |         |                                 |
|-----------------------|---------|---------------------------------|
| Assheton              | £ 11/£  | 1½ Penstruthal 8s 10s.          |
| Birdseye Creek        | 156     | 28 Plynlimmon 10s 12s.          |
| Chapel House          | 31/4    | 31/4 Port Nigel £ 11/4 £ 13/4   |
| Devon Great Consols   | 4       | 1% Richmond 7 71/4              |
| Eberhardt             | 714     | 34 Roman Gravels 1314 1314      |
| East Caradon          | 136     | 34 Rookhope 18s 20s.            |
| East Van              | 876     | 1/8 Rossa Grande 2s. 9d 3s. 3d. |
| Emma                  |         | 1 Santa Barbara 11/2 15         |
| Exchequer Gold        | 234     | 276 San Pedro 236 236           |
| Flagstaff             | 11/2    | 34 South Condurrow 3 31/        |
| Glyn                  | 41/2    | Sweetland Creek 2 21            |
| Great Laxey (ex div.) | 1756 1  | Tankerville 1032 11             |
| Freat West Van        |         |                                 |
| Hingston Down         | 15s17s. | 5d. Unity Wood 11/4 11/4        |
| Javali                | 78 8s.  | 5d. Van 29 40                   |
| Marke Valley          |         | 21/4 Van Consols 21/4 21/4      |
| North Laxey           |         | . West Assheton 11/2 13/4       |
| New Quebrada          | 3 1/8   | 31/2 West Tankerville 17/8 2    |
| Old Treburgett        | 48 6    | . Wheal Crebor 2 21/4           |
| Parys Mountain        |         |                                 |
| Pateley Bridge        | 5       | 5½ Wh. Kitty (St. Agnes) 2 2½   |

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Assheton. North Laxey. Richmond,
Emma.
8an Pedro.
Frontino.
Port Phillip.
Cedar Creek.
Chontales.
Malpaso.
Don Pedro.
Enterprises, which afford
ng transacted in the follow-

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van Consois.

Assleton.

East Caradon.

Grogwinion.

Rockhope.

Rockhope.

Ban F
Marke Valley.

Cathedral.

Front
Ladywell.

Great West Van.

West Grebor.

Port Lidywell.

Great West Van.

West Pateley Bridge.

Old Treburgett.

Chon
West Wey Valley.

Parys Mountain.

Malp
Chapel House Colliery.

West Tankerville.

Don J
Public attention is evidently turned to good Mining Enterpr
great profits with small outlay. A large business is being transa
ing, J. 8. having Special Business:

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20 West Assheton, 39s.

20 Glyn, 2456.

20 Synth Laxey, 20s.

45 Marke Valley, 45s.

25 Rof G. H. Van, 12s. 6d.

20 Van Consols, 48s. 9d.

46 Red. W. Van, 12s. 6d.

20 Lunrwst, 40s.

50 Laxebarren. 20 Glyn, £45%.
20 Glyn, £45%.
30 Pennerley, 428.
20 Van Consols, 488. 9d.
20 Llaurwst, 408.
50 Aberdaunant, 158. 9d.
20 Exchequer, £3.
30 Flagstaff, 338. 9d.
26 Richmond, £7½.
40 Sweetland, 428.
50 L X. L, 188. 9d.
75 Tecoma, 148. 6d. Van, £91/4.

JAMES STOCKER, SWORN BROKER.

Consols, Foreign Bonds, Railways, Bank, Telegraph, Gas, and all miscellaneou Shares bought and sold, and fortnightly accounts opened for same. Shares sold for forward delivery on receipt of cover. List of prices and every information for warded on application. References given and required when necessary.

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100 Aberdaunant, 168.

101 Aberdaunant, 168.

102 Assheton, £1½.

103 Birdseye, £1 168. 3d.

104 Colorado, £1 134. 9d.

105 Cape Copper, £39.

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106 Chapel House, £3½.

107 Aladywell, 258.

108 Chapel House, £3½.

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109 Colorado, £1 134. 9d.

100 Chapel House, £3½.

100 Chapel House, £3½.

100 Chapel House, £3½.

100 Chapel House, £3½.

100 Eberhardt, £7½.

100 Eberhardt, £7½.

100 Eberhardt, £7½.

100 Eberhardt, £7½.

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100 Chapel House, £3½

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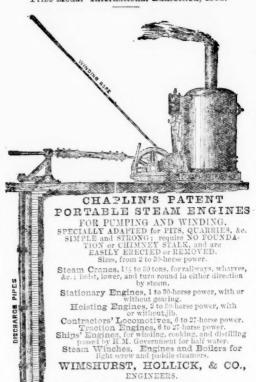
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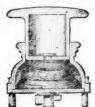
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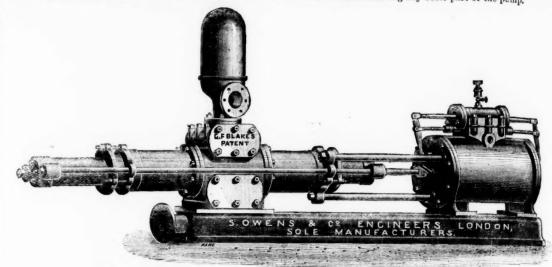
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MORE THAN 8000 IN USE.

# S. OWENS &

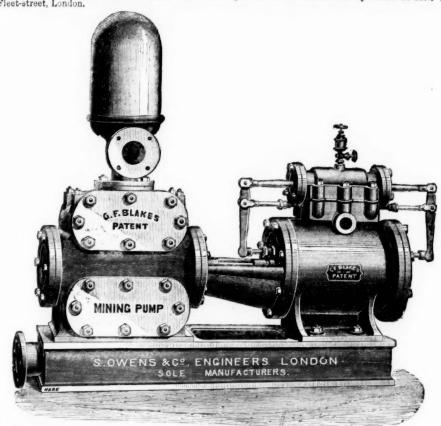
Hydraulic and General Engineers, Whitefriars-street, London; And at 195, Buchanan-street, Glasgow (W. HUME, AGENT),

These PUMPS from their SIMPLICITY, RELIABILITY, DURABILITY, and ECONOMY are SPECIALLY SUITED FOR MINING PURPOSES, where large quantities of water require to be raised from great or medium depths with CERTAINTY. They are double-action in their construction, throwing a constant stream of water, can be made of any stroke to suit the space in which they desired to work, can be arranged with any combination of steam and water cylinders to suit the pressure and lift against which it is got at by any ordinary workman, and replaced if necessary by a duplicate part (all such being interchangeable) in the shortest possible time. For situations where gritty and sandy water has to be pumped the DOUBLE-PLUNGER PATTERN is recommended, where space is limited the PISTON PUMP is better suited, a novel feature of which is the PATENT REMOVEABLE LINING, which can be removed in a few minutes and substituted with a new one, without disturbing any other part of the pump.



Blake's Improved Double-plunger Steam Pump. S. OWENS AND CO.,

In placing the BLAKE STEAM PUMP before the mining world, believe they are offering the BEST, MOST RELIABLE, and ECONOMICAL PUMP that has yet been made, and solicit an inspection of various sizes in operation at their works, Whits-friars-street, Fleet-street, London.



Blake's Improved Mining Pump, with Patent Removeable Lining to Pump Cylinder,

by combination of these Pumps may be had to suit circumstances. The following are some of the SIZES SUITABLE FOR MINING

Dia, of steam cylinders...In. 12 12 12 12 14 14 14 16 16 16 16 16 16 18 18 18 18 20 20 20 20 20 24 24 Dia, of water cylinders...In. 3 4 5 6 4 5 6 4 5 6 8 4 5 6 8 5 7 8 9 6 8 Length of stroke.......In. 18 18 18 18 24 24 24 24 24 24 24 24 24 24 24 24 20 30 30 30 30 30 36 36 36 42 No. of strokes per minute... 30 30 30 30 30 25 25 25 22 22 22 22 22 22 22 22 20 20 17 17 17 15 Openitive in calcase. Quantity in gallons per hour approximately 1440 2610 4200 5940 2940 4620 6600 2646 4158 5940 10620 2646 5160 7500 13260 4586 9000 12360 15660 6720 20

PRICES FOR THE ABOVE, OR ANY SPECIAL SIZE, AND ILLUSTRATED CATALOGUES FURNISHED ON APPLICATION.

## PATENT CONDENSORS

can be supplied for any size pump to effect a saving of fully 30 per cent. in the consumption of fuel, greatly increasing their efficiency.

The Blake Pump will work under water, and as efficiently with compressed air as with steam.

BLAKE'S DONKEY PUMPS FOR FEEDING BOILERS KEPT IN STOCK.









CORNWALL POLYTECHNIC SOCIETY, 1867 and 1873.

#### BROTHERS TANGYE AND HOLMAN,

10, LAURENCE POUNTNEY LANE, LONDON, E.C., AND BIRMINGHAM, (TANGYE BROTHERS), CORNWALL WORKS, SOHO.

"THE SPECIAL" DIRECT-ACTING STEAM PUMP.

Upwards of 12,000

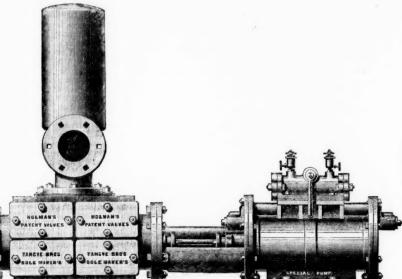
The "Special"

STEAM PUMPS

ARE IN USE IN

ENGLAND

And AMERICA.



200 SIZES

And combinations of

The "Special"

STEAM PUMPS

ARE NOW

MADE FOR EVERY VARIETY OF PURPOSE.

## GREAT PRICES.

The following sizes are suitable for low and medium lifts:-

| Diameter of Steam CylinderIn  | . 3 | 4   | 4    | 4    | 5    | 5     | 5     | 6    | 6    | 6    | 6    | 7    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 8    | 8      | 9    | 9    | 9    | 9      | 9      | 10   | 10   |
|-------------------------------|-----|-----|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|--------|--------|------|------|
| Diameter of Water Cylinder In | . 1 | 2   | 3    | 4    | 3    | 4     | 5     | 3    | 4    | 5    | 6    | 3    | 4    | 5    | 6    | 7    | 4    | 5    | 6    | 7    | 8      | 5    | 6    | 7    | 8      | 9      | 5    | 6    |
| Length of StrokeIn            | 9   | 9   | 12   | 12   | 12   | 12    | 12    | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 18     | 12   | 12   | 12   | 18     | 24     | 12   | 12   |
| Gallons per hour              | 680 | 815 | 1830 | 3250 | 1830 | 3250  | 5070  | 1830 | 3250 | 5070 | 7330 | 1830 | 3250 | 5070 | 7330 | 9750 | 3250 | 5070 | 7330 | 9750 | 13,000 | 5070 | 7330 | 9750 | 13,000 | 16,519 | 5070 | 7330 |
| Price                         | 16  | 18  | 20   | 25   | 2210 | 27 10 | 32 10 | 25   | 30   | 35   | 40   | 30   | 35   | 40   | 45   | 50   | 40   | 45   | 50   | 55   | 65     | 50   | 55   | 60   | 70     | 85     | 55   | 60   |
|                               |     |     |      | -    |      |       |       |      | -    | CC   | ONTI | NUE  | D.   |      |      |      |      | •    |      |      |        |      |      |      |        |        |      |      |
| Diameter of Steam CylinderIn. | 10  | 10  | 10   |      | 10 1 | 2 12  | 12    | 12   | 12   | 1    | 2 1  | 4    | 14   | 14   | 14   | 1    | 14   | 14   | 16   | 16   | 3 10   | 3    | 16   | 16   | 18     | 18     | 18   | 18   |
| Diameter of Water CylinderIn. | 7   | 8   | 9    |      | 10   | 6 7   | 8     | 9    | 10   | 1    | 2    | 7    | 8    | 9    | 10   | 1    | 12   | 14   | 8    |      | 10     | 5    | 12   | 14   | 9      | 10     | 12   | 14   |
| Length of StrokeIn.           | 12  | 18  | 24   |      | 24 1 | 8 18  | 18    | 24   | 24   |      | 4 2  | _    | 24   | 24   | 24   | -    | 24   | 24   | 24   | 24   | 24     |      | 24   | 24   | 24     | 24     | 24   | 04   |

Intending purchasers of Steam Pumps would do well to observe the great length of stroke, short steam cylinder, and short piston of the "Special" Steam Pump, as compared with the short stroke, long steam cylinder, and long piston of the rungs of other makers, as the efficiency and durability of the machine, and the space occupied by same, greatly depend upon this. The advantage of long strokes will be obvious when purchasers are reminded that each set of auction and delivery valves of a "Special" Steam Pump with 24 in. stroke, running at 120 ft. per minute, as against 120 times per minute in a Pump with only 8 in. stroke performing same duty.

75 90 100 75 80 85 110 120 140 110 120 130, 140 160 180 140 150 160 180 200 190 200 220 240

The Special" Steam Pump can be worked by Compressed Air as well as by Steam.

these PUMPS are USED for HIGH LIFTS IN MINES, for which purpose they are made with 21, 24, 26, 28, 30, and 32-inch Steam Cylinders, and 36 48 and 72-inch Strokes.

#### Patent Self-acting Holman's Exhaust Steam Condensers,

FOR ALL KINDS OF STEAM PUMPS AND HIGH-PRESSURE STEAM ENGINES.

Saves 20 to 50 per Cent of Fuel.

TURNS WASTE STEAM INTO GREAT POWER.

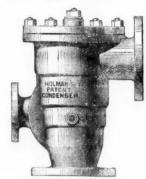
.....£ 55

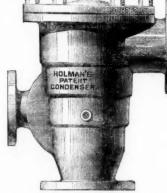
REQUIRES NO THREE-WAY COCKS, CHECK, or REGULATING VALVES.

SAVES HALF ITS COST IN PIPES AND CONNECTIONS.

PREVENTS ALL ESCAPE OF STEAM IN MINES OR ELSEWHERE.

REQUIRES NO EXTRA SPACE.





These Condensers are made to suit any size nd kind of Steam Pump. They form a part

the suction pipe of the Pump, and while they effectually condense the exhaust steam, they produce an average vacuum of 10 lbs. per square inch on the steam piston, increasing the duty of the Engine, and effecting a saving in fuel of from 20 to 50 per cent.

In Mining operations these Condensers will be of great value.

All Boiler Feeders are recommended to be fitted with these Condensers, as not only is the exhaust steam utilised in heating the feed water, but is returned with it into the boiler.

The following Testimonial gives one Example of the Power Gained by the action of Holman's Patent Condensers:-

MORLEY COLLIERY, WIGAN, October 16th, 1874.

MORLEY COLLIERY, WIGAN, October 16th, 1874.

Generally Englished Brothers and Hollman.

Hol

Price from 30s. to 40s. per inch diameter of Steam Cylinder, according to the relative Diameter of Pump for which Conden er is required.

NORTH OF ENGLAND HOUSE ... ... TANGYE BROTHERS AND RAKE, ST. NICHOLAS BUILDINGS, NEWCASTLE-ON-TYNE.

TANGYE BROTHERS AND STEEL, Tredegar Place, NEWPORT, Mon.; and Oxford Buildings, SWANSEA.

Royal Svo, 764 pp., cloth; with over 200 illustrations, drawn to scale, and reduced in many instances from working drawings. Price 34s.

#### METALLURGY: ELEMENTS O F

A PRACTICAL TREATISE ON THE ART OF EXTRACTING METALS FROM THEIR ORES. By J. ARTHUR PHILLIPS, M. Inst. C.E., F.G.S., F.C.S., &c.,

Antimony.

Ancien Elève de l'Ecole des Mines, Paris.

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Refractory Materials. Fire Clays. Fuels, &c.

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The methods are described with surprising elearness and exactness, illustrating the most important contrivances in an excellent and perspicuous manner.

In our opinion the best work ever written on the subject with a view to its practical treatment."—Westminster Review.

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#### MECHANIC'S GUIDE: THE

A PRACTICAL HANDBOOK for ENGINEERS, ARTISANS, and Others: comprising Arithmetic, Geometry, Mensuration, Wheel Gearing, Screw-Cutting, the Steam Engine, the Locomotive, &c.; with Valuable Recipes and Copious Tables for Practical Use. By WM. V. SHELTON, Foreman, Imperial Gun Factories, Constantinople.

."-Iron. "A sine qua non to every practical mechanic."-Railway Service Gazette. London: Charles Griffin and Company, 10, Stationers' Hall-court.



were sunk only to A, and then the bed, A B, worked down the incline, the water would need to be specially raised. If, however, the shaft be sunk to S, and then a level, S L, driven to intersect the seam, the coal can be worked up the incline, and the working can be readily drained: similarly the level can be continued to intersect the next portion of the seam, B C. Instances of this kind of working are well shown in the Whitehaven collieries, where the intervention of a succession of faults enables the coal to be worked. The term stange-left is company given to such calleries in coal vention of a succession of faults enables the coal to be worked. The term stone-trift is commonly given to such galleries in coal mines, and a different set of men will be employed to drive them. Other terms for the cross-cuts are cut-outs, drifts, branch (Somersetshire), tunnels, and on the Continent galleries à travers bancs, and Querschlag. All the levels spoken of so far may be taken to be as nearly horizontal as convenient; in other cases of galleries the rise or dip may be very great, to as much as 8°, 10°, or 15°. Such are called in Lancashire upthrows, or downthrows, and, if a special apparatus for lowering the coal be employed, jig brows; in other cases cross headings, as being across the main heading; and in Yorkshire bord-gates.

These levels, alits, &c., vary in size and dimensions according to the purpose for which they are required, and the material in which

These levels, adits, &c., vary in size and dimensions according to the purpose for which they are required, and the material in which they are driven. Irrespective of the large tunnels which may be formed in connection with some mines, we may group these workings under seven heads:—1. Exploring levels and timber ways.—2. Ventilating levels, or airways.—3. Main levels, or roads, or rolley ways.—4. Galleries occasionally driven for introducing water into mines to work machinery, as notably at the Ecton Mine; these may be regarded as adits driven down hill.—5. Drainage levels, or adits, which are at the same time intended for working roads.—6. Special adits intended for the drainage of large districts.—7. Special levels, driven in some cases to serve as canals for the use of the mine.

There may be a great difference in the form of the levels between

adits intended for the drainage of large districts.—7. Special levels, driven in some cases to serve as canals for the use of the mine.

There may be a great difference in the form of the levels between those in metalliferous mines and those in stratified rocks. With a lode occupying something of its usual position—that is, approachto verticality—the walls of the level will correspond as far as possible with the walls of the lode. As a general rule such levels will be higher than they are wide, being from  $2\frac{1}{2}$  to 4 ft. wide, and of a height convenient to walk upright in. If the floor has to be arched for the conveyance of water, or the roof has to be supported by timber or otherwise, the size of the level will have to be varied accordingly. If you are working only narrow strings, the question has to be considered whether the lode shall be taken in the middle have one side, and this depends on several circumstances. In stratified rocks the levels are mostly rectangular in form, and often wider than they are high; this depends on the nature of the such as to admit of a double roadway. If the seams be very small, as in Somersetshire, then the question arises as to whether it is best to cut away the roof or the floor; which will, again, depend on the nature of the ground—I. As regards the exploring levels one

\*\*Mochiastruction is here given without pelantity or pretension.\*\*—Builder.\*\*

\*\*London: Charles Greffin And Controllers And C you get seams of coal of 8 or 10 ft, it is usual to remove the whole height for the purpose of the main levels. The question of width will depend on the strength of the roof: you cannot in some cases drive them more than 5 or 6 ft, wide without going to great expense for timbering or masonry. In other cases you may have a width of 4 or 5 yards, and thus have the convenience of a double roadway. From the roads bords may be opened, sometimes 5 or 6 yards wide, without danger of the ground falling, the pillars between being left at least as large as the workings. Transverse to these, again, you may have other galleries, commonly called headways, which are, generally speaking, not more than 2 yards wide.

—5. These will generally be of the same character when intended for working, as well as for conveying water, as those above, except that when large quantities of water have to be carried the levels must be made larger than usual, in order that a chamber below may be arched over for the water, while the men walk along the top of the arch.—6. These large adits are sometimes of very great importance, and require much larger dimensions; they may be from 8 to 12 ft, high, with a width of 5 to 8 ft. These dimensions are necessary to allow of a suitable arch being introduced below, and for the introduction of proper supports for the roof.—7. A class of large levels for use as canals came much into fashion late in the last century by the efforts of Brindley and other engineers: they were also adopted on the Continent, and it was thought to be a means of introducing great economy into the haulage. Amongst other places they were introduced into the Duke of Bridgewater's collieries in Lancashire. They are still retained in the Wellesley mines, but in most instances they have been superseded by rails. A moot question is that as to what should be the gradient of these levels; in a great many cases it is made far more considerable than it ought to be. In driving the levels unless the men are carefully looked to they will drive it ought to be. In driving the levels unless the men are carefully looked to they will drive with too great a gradient; the gradient should be just sufficient to carry off the water. With regard to the term horizontal several lawsuits have occurred, in which it was term horizontal several lawsuits have occurred, in which it was argued on the one side that it meant perfect horizontality, on the other that it was only approximate; so that it is best to be precise in our use of the term. The softer the ground, and the more easy it is to cut, the more will the men have to put on an extra gradient, to run the water off from them. In driving the two parallel levels out from the pit bottom, the common rate of gradient is about 3-16th inch per yard, which is equal to 1 in 200 nearly. In collieries it does not do to carry the drift too horizontal: a slight gradient is allowed to enable the full wagen to run down to the pit bottom with greater facility. When the levels have to be carried very great distances, as in the adits for dra ning large districts, a much nearer approach to horizontality is maintained. In some Hungarian mines the adit levels are driven with great care for distances of 300, 400, or even 800 fms.; for these a gradient of 1 in 480 is adopted. In or even 800 fms.; for these a gradient of 1 in 480 is adopted. In the valley of Allendale, in Northumberland, where Mr. Beaumont is driving a large adit to unwater a series of mines, the gradient is only 1 in 660. Still more remarkable cases are met with in the

Redruth, the distance in height drained not being generally mon

30 miles.
One of the most remarkable new ones is the Ernest August with One of the most remarkable new ones is the Ernest August adit, near Clausthal, which, extending to a distance of 18 miles, was carried out in 13 years, and is a very good specimen of workmasship. One is now driving in America (the Sutor tunnel) to unwate the Comstock lode, at the great depth of about 2000 ft. from the surface. It cuts the lode after about 4 or 5 miles, and is intended to be driven on the lode as far as it may hold good above. They are driving a large head 8' × 10' and up to August last had advanced they are usually connected with a mountain or plateau, where adit levels of this kind can be used, and these have been earlied out by a company, as in the Comstock lode, protected by a company, as in the Comstock lode, protected by a company, as in the Comstock lode, protected by a company. Parliament, so as to secure a certain percentage if successful. the Government, as in Saxony, &c.

### ON CERTAIN ALLUVIAL DEPOSITS ASSOCIATED WITH THE PLYMOUTH LIMESTONE.

ON CERTAIN ALLUVIAL DEPOSITS ASSOCIATED WITH THE PLYMOUTH LIMESTONE.

Mr. R. N. Worth, F.G.S. (in a paper read at the Geological Society of London), adduced certain deposits found in fissures and cavens of the Plymouth limestone, as furnishing evidence in opposition to the views advocated by Mr. Belt in his paper on the Drifts of Berm and Cornwall. The best examples occur at Plymouth How where the chief deposit fills a large "pocket" in the limestone, and consists (beneath the turf) of a bed of clayey soil, containing pebbles and small boulders, beneath which are patches of white and redday, containing a few pebbles, and overlying a large quantity of silicons and. Similar but slightly varying deposits, not unfrequently courin associates with the limestone; and these are regarded by the author as the remains of condensate the production of the contemporare of condensate the production of the contemporare of the deposits with those of the Oceston caves; and he adds that they furnish no mode catalysmal action, but of of orderly disposition, the bulk of the pebbles and growtheir with those of the Oceston caves; and he adds that they furnish no mode catalysmal action, but of of orderly disposition, the bulk of the pebbles and growtheir fairly regular succession. The author further explains the presence in Compaller fairly regular succession. The author further explains the presence in Compaller fairly regular succession with in the country, which has only two rivers running to the men, whilst on the south-east rivers abound.

Mr. Ussuga stated that he had seen inclined to consider that the sund-fluidigs the Bovey Valley were of peculiarly local occurrence; but the observations of Mr. Woodward as to their similarity to certain are necessis deposits on Great Haba and the Blackdown Hills, resulted to his mind an instance where in a pit on the former sand of granitic origin, much resembling portions of the sunds in the former sand of granitic origin, much resembling portions of the sunds in the former sand of or the woo

claborate paper being in many points untractworfly.

The Prissingum read a letter from Mr. H. B. Woodward, in we stated that his reason for bringing this paper forward was that were now to be seen in the course of excitations for building particles. Newton Abbot which would soon be obliterated. The President a had been over the ground mentioned by Mr. Worth in his pay agreed with the views expressed by that gentleman. untrustworthy.
Mr. H. B. Woodward, in which the lands is paper forward was that many seeks

ONYX.—Mr. Eassie, C.E., read a paper at the Society of Arts "On the so-called Deposits of Onyx near Mexico, and their Value as a Decorative Material in this Country." There were exhibited on the table many beautiful specimens of the onyx of Mexico, which, as it was stated by the author of the paper, had brought him, after casful comparison with similar materials from other lands, to the conclusion that there had been discovered for the use of the inneteenth and succeeding centuries a material which had never been eclipsed in point of natural magnificence. After an elaborate and exhaustive description of the precious stone called onyx as a statagmite deposit, the paper said that a material similar to that which was enhibited on the table had been used as a decorative material from the very earliest times, of which fact many historical instances were given in the paper, as well as a description of the nature and manner of dealing with the stone in bygone ages. The paper then quoted a variety of statistics in reference to the quantities and the prices of the onyx that was used. The reader of the paper remarked that the application of this substance had not hitherto been very extended, owing to the fact of its recent introduction to Earopa. After enumerating a few of the functions out of many in architecture which such a material as onyx might well perform, Mr. Easia, in conclusion, said that "the true position of this beautiful stranger amongst us is to heighten the duller charms of our own natural materials, and to relieve us from the abominable iteration of marble slabs, here, there, and everywhere—pillars of granite to the right of you, pillars to the left of you, and tiled walls and floors, upstairs and downstairs, and in my lady's chamber."

Dynamite Experiments.—On Tuesday an interesting series of experiments was made at the works of the Pairite Departite Office.

Dynamite Experiments.—On Tuesday an interesting series of experiments was made at the works of the British Dynamite Corpany, in Ayrshire, in the presence of Lord Dean of Guild King, Mr. James Deas, C.E., Clyde Trust; Mr. David Rowan, Chairman of the committee of management of the Clyde Trust; Mr. C. Randolph, Chairman of the British Dynamite Compony; Mr. David Wilson and Mr. Hugh Beckett, directors, and Mr. Cuthbert, manager; Mr. G. Broadriek, superintendent, Leith Docks; Mr. Fautrier, manager of the Fresh Dynamite Company, Pyrenees; Messes, George Keith, Junes Wilson, D. Dish traffic manager, Glasgow and Souta-Western Rallway; H. Grierson, Gasgow; B. Donaldson, Stevenston; G. Sillivan, Munchester; J. P. Paton, Glasgow, and other. The object was to show that dynamite when properly handled is by no means and Mr. M'R with a thick oilskin covering round each puckage, and a water-proof then put round all the purcels to keep them in good condition. On eas mashed box, it was found that both the water proof envelope and theolings round the packages were cut in several places, and the dynamics out of the cartridges and lay settered about the place, but had no aplaying suffered by the blow which it had sustained. The provider was collected and used effectually in other experiments, which showed the deteriorated in value. The whole of the experiments were most successfully proved that dynamics can be transported from one place without anything like the danger which it is popularly supposed to company were afterwards entertained to hundred in the Lorentzev of The daair was occupied by Mc. Randolph, and the Lorentzev for coupler. In pro-oring "Prosperity to the British Dynamic Computs Dean of Guild expressed the hope that the obstructions which were thrown in the way of the carriage of dynamic would soon be withdraw the company would overcome the disadvantages to which they were stated the carriage of dynamic would soon be withdraw the company would overcome the disadvantages to which they were sa

Epps's Cocoa—Grateful and Comforting.—"By a thorough knowledge of the natural laws which govern the operations of digestion and antition, and by a careful application of the line properties of well-selected coost, it. Epps has provided our breakfast tables with a delicately Havarred becrang which may save us many heavy doctors' bills. It is by the indicious use of such articles of difet that a constitution may be gradually built up until strong enough to resist every tendency to discuss. Hundreds of such is maladies are floating around us ready to attack wherever there is a weak point. We may escape many a fall shaft by keeping ourselves well fortified with pure blood and a properly noarisied frame, "—Gred Service Gizzette.

## Registration of New Companies.

The following joint-stock companies have been duly registered: The following joint-stock companies have been duly registered:

TREVLAN SLATE QUARRIES COMPANY (Limited).—Capital 20,000., in

10. shares. To acquire the Trevian Slate Quarries, situate near Carnarvon. The

10. shares. To acquire the property is 17,000., in fully paid-up shares. The sub
11. situate of the point of the property is 17,000. in fully paid-up shares. The sub
11. situate (who take one share each) are—William Leeming, Eaten House, West

11. stripes (unstable). Advance, Inglewhite Lodge, Luncashire, gentleman;

11. stripes (unstable). Advance, Inglewhite Lodge, Luncashire, gentleman;

12. Monney, Inglewhite Lodge; J. Clarke, Birkfale, Southport, gentleman;

13. House, G., Strusswick street, Liverpool; W. James, Lord-street, Liver
14. structure of the street of the structure of th

6. E. Montessy. 29, Brunswick street, Liverpoot; W. James, Lord-street, Diverpool; Thomas Ges, 29, North John street, Liverpool; Solicitor. The directors are pool; Thomas Ges, 29, North John street, Liverpool; Solicitor. The directors are pool; Thomas Ges, 29, North John Street, Liverpool; Interest Street, Borough, zinc yet appointed. ARD AND CO. (Limited).—Capital 20,000l, in 10!. shares, BANEL HAYWARD AND CO. (Hayward, of Blackman street, Borough, zinc gauging the street in Masters of the Street Street in Master, S. A. Wright, New Malden; J. H. Davis, 2, Park Villas, New Malden; H. Brouse, J. A. Wright, New Malden; J. H. Davis, 2, Park Villas, New Malden; H. Brouse, S. Cannon-Malden; H. Brouse, J. A. Wright, New Malden; J. H. Davis, 2, Park Villas, New Street; H. Watson, 63, Petsbill-road, Camberwell; W. A. Morris, Blackman street, Street; H. Watson, 63, Polytheir and Camberwell; W. A. Morris, Blackman street, Street; H. Watson, 63, Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Old Broad street; A. Oliverira, 12, Colville-road, Bayswater; H. H. T. Gibb, S. Cannos J. H. Stephen, S. C. E. Colver, M. E. Fry, 3, Custal So,000. To carry on the general business of an accident of the street of the street of the subscriber are—H. H. Jones, 11, Holford dat or casual insurance, 25, 13, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 3, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 3, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 3, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 3, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 3, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bouga testero, 25, 4, Lloyd, Belmont Hill, Lee, 25.

H. Bi-Bo

park.

Park.

OUNDRY, ENGINEERING, AND WAGON COMPANY
OUNDRY, in 10th shares. To carry on business as manufacturing Joseph in 16f. shares. To carry on business as manufacturing of collicry plant, &c. The subscribers are—George Hicks, forgan, Coal Brook Vale, 10; T. Walters, Newport, 1; G. H. Joskins, Brynmaur, 2; George George, Tredegar, 10; H.

wport; J. Jenkins, Brynmaur, 2; George George, Tredegar, 10; H. Feesport, 1.
Feespo

## ECHOES FROM THE MINING MARKET.

Business has again been quiet on the mining market, and there is but little change to record in prices. The metal markets are also almost unaltered, although we have to notice a rather better business 

Nan bave experienced a further fall, but close rather firmer, at entities are neglected, and business in iron shares is quite a didle, and Sydney for the month ending March 20, amounted adde, and Sydney for the month ending March 20, amounted adde, and Sydney for the month ending March 20, amounted adde, as smaller quantity as compared with former months, newever, as regards weight is very clastic in character, and formed, anything between 14 Bs. and 112 bs.

4 Chiverton will be held on Wedness tay next, when some in the discussed and, we hope, settled. It will be remembered in the series of the able in ounce in which he had researed the mine from a face of the able in ounce in which he had researed the mine from a face of very bittee opposition. In a short space of time the diing one, rose into a dividend paying state, and its market agout 4 seed, to 60,000. For some unaccountable reason, how tronguidou of the secretary's services at the last meeting ecommittee took it into their heads to recognise their own deaths the consideration of their secretary's services to the this time we are gld to say the mine has enjoyed an unproportity, and, tranks also to Capt. Southey's careful may proportity, and, tranks also to Capt. Southey's eareful may proportity, and, tranks also to Capt. Southey's eareful may proportity, and, tranks also to Capt. Southey's eareful may proportity, and, tranks also to Capt. Southey's eareful may proportity, and, tranks also to Capt. Southey's eareful may proportity, and, tranks also to capt. Southey's eareful may proportity, and, tranks also to what the place of the strank lead. It has the present bullines, but we trust that the stage of the strank leads of the strank leads of the strank leads of the strank leads. It has been such as a strank leads of the strank leads of th

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### THE WEEK.

a principally occupied the attention of the very small gether this morning. Only two continent it Bourses oth foreign bonds were pressed for sale. It was again it Powers were at sevious variance with regard to the I to Hongarian, Dambian, Egyptian, and Russian they would betch. There was no recovery at the laster traffic, should the venther continue as to & dropped 55 per cent., to 23 54 and 55.

of many accounts for a fall gave an improved tone to the is unificial elemently un to the finish. The exception a Loans, which receled a further 5 per cent. Argentine iving off 415 to 62%. Exception of 18.3 rallied to 42%, there are five in all) of the Foreign and Colonial Govern perienced a fall of 5 per cent. In railways the principal

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lie were buying, but rather that "bears" were closing in a hurried and excited manner. Egyptians, too, were firmer, and rose nearly 2 per cent., while Turkish Fives recovered to 13. The directors of the Bauk of England, at their usual meeting, deedled to reduce the rate to 2 per cent. At first the change had no effect on home railways, which continued dull at yesterday's prices, but later in the day, stimulated, too, by an improvement in the weather, there was a decided rally. Caledonian rose to 117½, a recovery of 1 per cent. British rose ½ per cent., closing at par. Metropolitan 99½, to 89½. Midland, 133½ to 133½. Berwick, 157½ to 8. Brighton Aquarium, 3½ to 3½. Credit Foncier, 1½ to 1½.

FRIDAY.—Markets open rather dull, and in many instances lower than last night. The Egyptian Loan of 1873 shows a fall of ½, to 43½. Ottoman Bank shares are being sold at 4½, and those of the Anglo-Egyptian Bank at 14/. East Argentine Railway, 7½ to 7½; ottoman Bank shares are being sold at 4½, and those of the Anglo-Egyptian Bank at 14/. East Argentine Railway, 7½ to 7½; ottoman Bank shares are being sold at 4½, and those of the Anglo-Egyptian Bank at 14/. East Argentine Railway, 7½ to 7½; ot 100, 100½. The depression in East London continues; the stock which now comprises the share capital, is quoted 52 to 53, equal to about 10, 10½, for the shares. Berwick, 157½, 158; Great Eastern, 43 to 43½; Direct, 7½ to 7½; Trunk First Preference, 43½, to 4½; Sireat Eastern, 43 to 43½; Direct, 7½ to 7½; Trunk First Preference, 43½, 158; Great Eastern, 45 to 159½. A fall of ½ has taken place in Directs, and one of ½ in Grand Trunk; ordinary. Caledonians, after being 15½, sellers, are still lower than in the morning, while North British are in demand at 100½. Berwick, 158 to 158½; Great Eastern, 43½ to 43½; East Van, 8½ to 9½, and firmer.—Four Clock.—The chief feature is the increased depression in East London Railway stock, now only 48 to 59, or 19½ to 10 for the shares, on rumours of indifferent receipts. Egyptians have further rise no

#### FOREIGN MINES.

CEDAR CREEK (Gold).—T. B. Ladlum, March 27: The weuther continues favourable, and we are paiding forward with all gowble haste to accomplish as most of the time shee my last, turning off six hoursesh day to remove boulders. We are still washing away the gravel loosensi by one of the powder blasts, and provided that works to effectively at two microses of the offerd ground and growth of the provided that works to effectively at two microses of the offerd ground and rock sille, and are enabled to work in solid gravel; I can then make an approximate with regard to mode of the first of the powder blasts, and provided that the solid gravel; I can then make an approximate with regard to provide the blast away, it is reasonable to suppose that much of the gold has not yet been driven into the silese, but remains among the loose boulders. The Central and Pacific are washing; the Gold Henn will resume washing to morrow morning. Belger exitain is being fitted up with all possible speed; we have gone down the saint to bed-rock, and ron off two sets of powder drifts in the gaves, so as to have between the provided sileses and the saint to bed-rock, and ron off two sets of powder drifts in the gaves, so as to have between the provided siles and the saint to bed-rock, and ron off two sets of powder drifts in the gaves, so as to have between the provided siles and the saint to bed-rock, and ron off two sets of powder drifts in the gaves, so as to have between the provided siles and the saint to bed-rock, and ron off two sets of powder drifts in the gaves, so as to have between the provided siles and the saint to bed-rock, and ron off two sets of powder drifts in the saint to bed-rock, and ron off two sets of powder drifts in the read of the contract of the saint to be saint to the saint from the role of the saint to be saint to be saint to the saint to be saint

wheten of Cuntil showers as of 25.55.—the price of the ordinary stock is not new about 6, and that of the former \$898. Great Western 17ct was a balance of 5.55.—the price of the ordinary stock is not former \$898. It is 11% and \$1.50. It is

Swaffleld's, the lode is small and of no value. A good length of paying ground is being thrown open in the 45, west of this shaft, where the lode yields 1 ton per fathom. The .5, west of Palgrave's shaft, is in hard ground, and the lode is small and poor. The 65, west of this shaft, is not so productive as it was, the lode yielding I ton per fathom. The same level east is opening good tribute ground; worth 1½ ton per fathom. The lode in the 55 east has fallen off in value, and now produces ½ ton per fathom. There is no change in the 35 cross-cut, north of Palgrave's shaft. In the 25, west of Peill's cross-cut, the lode continues very regular, but without ore. The lode in the same level east yields good stones of ore; worth ½ ton per fathom. In Buenos Amigos engine shaft, below the 130, the changes made in the pitwork in the past month hindered the sinking somewhat; the men will get on better now. Cox's shaft, below the 110, is off the lode, and in hard granite. The lode in Castro's winze, below the 45, is small and unproductive. The lode in Savio's winze, below the 100, has changed unfavourably in the past few days; it yields 2 tons per fathom. The tribute department produced the usual quantity of ore in the past month, and there is now no alteration in the stopes worthy of notice. The surface works are being carried on very regularly, and the machinery is kept in good working condition. We estimate the raisings for April (five weeks) at 450 tons.

quantity of ore in the past month, and there is now no alteration in the stopes worthy of notice. The surface works are being carried on very regularly, and the machinery is keptin good working condition. We estimate the raisings for April (five weeks) at 450 tons.

ALAMILLOS.—April 5: The 60, west of San Francisco shaft, although not so productive as it was, is still opening good tribute ground. The lode in the 49, west of San Felipe's shaft, contains a little lead, but not enough to value. The 50, east of La Magdalena cross cut is opening splendid ore ground, worth 3 tons per fathom. In the same level west the lode yields 3/ ton per fathom. The holing to Juan's winze has ventilated this level. In the 85, north of San Enique's shaft, the men are cross-cutting to prove the north part of the lode. The same level west of San Adriano's shaft, is in a strong and regular lode, with good stones of ore in the bottom of end worth 3/ ton per fathom. The 50 cast is holed to Cox's shaft; the lode is very wide and powerful, yielding 3 tons per fathom. The lode in the 60, east of San Victor's shaft, is small, and the ground hard for driving. In the same level west the lode is more open and easy for driving than it was, and judging from the level over it we ought to have lead here shortly. The lode in the 40, west of San Carlos shaft, continues small and unproductive. The 40, east of all the 40 west of San Carlos shaft, continues small and unproductive. The 40, east of all the 40 west of San Carlos shaft, continues small and unproductive. The 40, east of all the 40 west of San Carlos shaft, continues small and unproductive. The 40, east of all the 40 west of San Victor's shaft. The lode in the 50, east of Dudd's Int the 70 cross-cut, north of this shaft, handless of ore have been met with, but not sufficient to the recognised as the lode. The 60, west of Judd's cross cut, is still hard, but somewhat improved in appearance. The lode in the 40, west of Judd's cross cut, is still hard, but somewhat improved in appearance. The l

### FROM A LONDON STOCK BROKER'S CIRCULAR.

The reduction in the Bank rate yesterday to 2 per cent. caused a general improvement in the markets, which were further strengthened in the afternoon by the publication of reassuring telegrams respecting the aspect of the Eastern question. Notwithstanding the abundant supply of money, there has been very little business doing all the past week. English railways are rather better, but show no very material attention in pieces. In the foreign market, Egyptians and Argentines have attracted the most attention, and show a decided improvement. Russian stocks have also been dealt in to a considerable extent, some of the later issues having been subjected to speculative sales. American railways are dull in tone. The English famels are very firm, Consols being about 34 per cent. better for the week,—Friday Marainy.

### MINING NOTABILIA

MINING NOTABILIA

[EXTRACTS FROM OUR MINING CORRESPONDENCE.1]

EAST CARADON.—A full report of the meeting held on the 12th inst., at Salisbury, will, of coarse, appear in this day's Journal. I was much surprised to find it did not appear in last week is number. Since the meeting several of the share holders have been quite startled and disheartened on realting the abstract of the accounts and the agent's report, insuranch as the falance to the credit of the adventurers at the previous meeting was 75%. St. 8d., which is now reduced to 2176, 9s. 5d., just as was predicted, and which appeared in the Notabilia of the Journal a month or two ago. What a pity it is that the meeting should only now to many of the old shareholders) should be resumed forthwith, and that the working at the north shaft be suspended. Why was not this done before? may reasonably be asked. Calls must be made, and, in consequence, shares will go very much lower before we can expect any good results. The course now proposed will be a work of time, and patience and perseverance will be required, but it is to be hoped that the reputation of the mine will be maintained, and that the adventurers will have confidence in the agents. I know that unless reports of the progress of operations agond eriterion of this. It is, however, considered by a few to be a good speculation, but it has been a very great disappointment to many of the shareholders. I would, however, recommend parties anxious tog into mining to pick upsiares, if they can, at 104, or 124, which may be about their value at the present time. HARWO: D.—An improvement in the vein at Herdship has taken place in driving north. For several weeks the ven has been poor and twitched, but is now opening again with fine pieces of lead, laying in very nice red mineral. The surface preparations for dressing lead ore have been limited by the recent storms, but mild weather baving so to they will soon be at work.

BANTRY BAY BARYTES QUARRY.—At the adjourned meeting, on Thursday, the recontions of the pre

The Boring Machine at Dolcoath.—We understood a week ago that all the new applances for working the boring michine were on the mine, and that the machine would be at once put to work. There appears, however, to be an unactionable delay and hesitation in putting the thing in motion. Why is this? Wo ought to hear more in Cornwall of the boring machine and its progress. It will be of paramount importance to many of our mines if it could be brought to bear, and they are only waiting at several mines in the locality to see its entire success with the strengthened appliances at Dolcoath before it is adopted by the smaller concerns. For instance, at South Crofty without the boring machine it will take six months to extend the 180 in the north cross cut to intersect the East Pool lode under the 160, and where they expect to find a concentrated rich copper lode, from the numerous branches at present indicated in the 160. Unless they can get this great lever to assist them, many concerns will have to give up, dead beaten. We hope to hear more of the boring machine at Dolcoath, and its possible success, or otherwise, without turther delay.

SALE OF MINE MACHINERY.—We are informed that Mr. James, of Camborne, has bought the remainder of the powerful machinery unsold at Wheal Seton—a 70-in, pumping engine, and 23 in, stamping, and a 22 in, winding. The amount realised has not yet transpired, but the adventurers will, no doubt, be informed in due course. Mr. James it will be remembered, bought the Wheal Cock part of the machinery of Wheal Seton sett some time since, subsequently selling the 70-inch engine to Messry. F. W. Michell and Co. for 2000/.

EAST WHEAL GRENVILLE.—The machinery, materials, &c., were affered for sale by public auction on Tuesday. There were a good many present at the sale, but the biddings were not very brisk. There were a good many persent at the sale, but the cate from pumps, &c., brought is, 64, per car,, and were bought by Messrs, Harvey and Co., of Huyle, who were the largest purchasers. Some bad-

cast iron pumps, &c., brought 3s, 6d. per cvt., and were bought by Messrs. Harvey and Co., of Hayle, who were the largest purchasers. Some ladders brought 2s. per fathom, and the small lots brought above average prices. — Wist Briton.

FREE Co-operative Trading. — The working of the Civil Service and other similar supply associations has sufficed to show that the consumer can secure substantial pecuniary benefit by paying ready money for what he requires, and by relieving the tradesman of the expense of sending home the goods purchased, and it is now proposed by establishing the Public Supply Association to remove the restriction which has hitherto prevented any but members of the several co-operative associations deriving the advantage which those associations offer. The aew corporation referred to has been formed with a capital of 100,0004, in shares of U. each, and the special features of the enterprise are described as being the distribution of all household requirements from the stores; free delievey (to shareholders); that the shareholders and the public are not required to write out their own lists on invoice notes; that the annoyance of producing membership tickets is entirely dispensed with: that prompt attention, as in the best retail establishments, is given to customers; that order clerks are engaged in each department; and that the public may purchase at the stores at the fixed tariff. With regard to the free delivery of goods, it is explained that the privilege extends, in the case of holders to one fully paid share, to the London postal district; two shares, to any railway station within 25 miles of London; four shares, 50 miles; five shares, 100 miles; and ten shares, to any railway station in the United Kingdom. The association was registered on March 17, previous to which the premises were taken, and substantial guarantees given two years' rent. The executive hope to be ready for business during next month. The fittings and fixtures necessary for a large trade are all in course of preparation,

MINING AND STOCK EXCHANGE NEWS OF THE WEEK. Messrs. F. W. Mansell and Co. (Sworn Stock and Share Brokers) Pinner's Hall, Old Broad-street, write to us as follows:-

EXCHEQUER (Gold and Silver) .- We drew favourable attention Exchequer (Gold and Silver).—We drew favourable attention to these shares when the market price was much lower than that now ruling; our anticipations are being rapidly realised, and at length the quotation is beginning to show some response to the increasingly satisfactory way in which the mine is opening out. Recent shareholders seem unaware of many of the leading facts in connection with their own property. Hence it may not be without interest to inform them that the town of Silver Mountain, in Alpine county, is situated about 60 miles south-west of Carson, the capital of Nevada, a station on the Virginia City and Truckee Railroad, and on the eastern slope of the Sierra Nevada range. The town site occupies a flat in the upper part of the valley of Silver Creek, a tributary of the west fork of the Carson river. The Exchequer Mine is situated two miles north of the town, at the head of Scandinavian ranyon, and the mouth of the hoisting shaft is about 1300 ft. above the mill. The rocks in this part of Alpine county are eruptive, comprising felspathic and angitic porphyries with ground mass of various colours (mostly dark grey and brown), basalt (sometimes magnificently columnar in structure), and white and light grey volcanic tufas, containing small rounded particles of quartz. The country rock at the mine is porphyry; the vein, as shown by the underground workings, strikes north and south, and dipa east, slightly varying at different depths. The vein is from 3 to 7 ft. wide, and undoubtedly occupies a true fissure; along the valley are well-defined clay selvages or "gouges." The vein matter is quartz and clay, often much broken up, but where the ore shoots occur it is solid quartz. Most of the work in drifting, &c., on the vein can be done with pick and gad, but the ore must usually be extracted with the help of blasting; this state of things facilitates considerably the proper exploration of the mine, making dead work light. The quartz carries dark and light ruby silver (pyrargyrite and proustite), with suffi to these shares when the market price was much lower than that quartz carries dark and light ruby silver (pyrargyrite and proustite), with sufficient iron pyrites to render practicable a good chloridising roasting; besides the ruby silver there is oftentimes met with stibnite, averaging \$40 per ton in silver. Samples of extraordinary richness are continually being met with; assays from specimens yield from \$12 to \$1200 and \$1300 per ton; a sample of 2½ tons worked at the Reno Mill gave \$289, or \$115 per ton. Besides the claim which was originally called the Buckeye, No. 2, on which the company owns 4500 ft., the property includes 2000 ft. on the Accacia and 600 ft. on the Fremont, on the Buckeye lode. The Gold Hill News of March 18 has the following:—

#### THE EXCHEQUER MINE.

THE EXCHEQUER MINE.

ITS SITUATION—DEVELOPMENTS—RICH ORES—MILL—
FUTURE PROSPECTS.

Through the kindness of a friend who resides at the mine—is thoroughly familia with its every detail, knows and vouches for the truth of what he writes—we are enabled to lay the following interesting facts in regard to the Exchequer Mine situated near Silver Mountain, in Alpine county, Cal., before our readers. The mine is located on the south cast slope of a high mountain, at an altitude of nearly 7000 ft, above the level of the sea, and is surrounded on every side by an abundance of timber and the best of water for all necessary working purposes. It is mostly owned by a company of wealthy English capitalists.

owned by a company of wealthy English capitalists.

THE FIRST DEVELOPMENTS.

The development of the mine was commenced by the old-time method of running a tunnel 800 ft. long immediately under the croppings of the ledge, at no point cutting the vein at a greater depth than 125 ft. below the surface. With the exception of showing the ledge to be regular in its course, from north to south, with a dip of nearly 45° to the south and east, and to contain spots of rich ore, this money was almost entirely thrown away. An incline winze was then started on the ledge at a distance of 129 ft. from the mouth of the tunnel; this winze his been sunk a depth of 300 ft., following the inclination of the ledge the entire distance in ore of good milling quality, and which has grown richer as the shaft descends. At the depth of 30 ft. below the tunnel level an ore stope was opened, and a considerable amount of ore extracted; 50 ft. lower down another ore stope has been started, and at the depth of 30 ft. a level was opened for working, and the top of a chimney of rich ore struck.

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At a depth of 140 ft. this chimney of ore was greatly enlarged, and the top of a chimney of rich ore struck.

At a depth of 140 ft. this chimney of ore was greatly enlarged, and the vein apparently widening and the ore growing so much better that it was resolved to star work in the tunnel and incline, and erect steam hoisting works and sink a working shaft at a point 390 ft. lower down the mountain side; this shaft has been sunk to a depth of 300 ft. and over. Stations have been opened and dirlfts run at the 100, 200, and 30) ft. levels of the shaft, which places the lowest point, at which the ore vein has been prospected, at a depth of 500 ft. below the croppings. The ledge con tinued to look more favourable, and the ore to show greater concentration on the 100 ft. level. Ore stopes have been opened at that point on the ledge which descen is with the slope of the mountain, and which have proved to be almost entirely rich milling ore to within 40 ft. of the surface. On the 200 ft. level a drift, 6×7 ft. in size, has been run a distance of 400 ft. in the ore vein, without touching either wall the face in rich ore; the ore in this level is very rich, an average assay made by the assayer of the mine showing 85:11 in gold, and \$571:33 in silver to the tron. On the 300 ft. level of the shaft a drift has penetrated the vein 100 ft., showing the ore to be of even a finer quality than it is on the 200 ft. level.

CHARACTER OF THE ORE.

ore to be of even a finer quality than it is on the 200 ft. level.

CHARACTER OF THE ORE.

The ore contains base metals in quantities sufficient to require roasting before its reduction in the mill. The body is composed of silica, mixed with magnetia, iron, antimony, and sulphur. Much of the ore has so strong a resemblance to actinolite, a greenish species of hornblende, that good judges would be puzzled to discern a difference. On the lower levels the ore is interspersed with quantities of beautiful ruby silver of the light red kind, being a combination of silver, arsenic, and sulphur. Average samples, sent to a friend in Gold Hill, were assayed by Mr. C. James, the assayer of the Crown Point and Yellow Jacket Mines, one of the most competent assayers on the coast, gave the following results:—That taken from the 140 ft. level of the upper works gave \$241 per ton, all silver; that of the 100 ft. level of the new shaft gave \$1019.63, of which \$30.013 was gold, and the balance silver. The samples from the 200 ft. level of the new shaft gave \$30.94, of which \$30.00 was gold, and the remainder silver. The ledge on the lower levels is from 4 to 15 ft. in thickness, and is all one; both above and below it is separated from the country rock by heavy cay seams.

THE HOISTING WORKS AND MILL.

The present hoisting works are entirely too light to prosente the development of the mine with the required vigour, and the work is confined at present to the sinking of the shaft for opening another level. It is the intention as soon as spring opens to sommence the erection of new and powerful steam hoisting works. Three miles from the mine the company have a first-class eight-stamp mill erected; to this is now being aided furnaces for rosating the ore, and an additional battery of 10 stamps, making 18 in all, which will commence crushing ore from the mine in a very short time. There are now at the mill rady for reduction 700 tons of ore, and with the present facilities for extracting and the large amount of ore uncovered ready to take out, there will be no trouble whatever in keeping the mill running for at least a year to come. THE HOISTING WORKS AND MILL.

The latest information (per letter) is to the effect that the engine-The latest information (per letter) is to the effect that the engine shaft is down 323 ft; the spur of ledge matter still continues and widens in the bottom. The north drift at the 200 is driven 407 ft. Stoping has been commenced at the 300 feet level, 30 ft. north from cross-cut. The lode is 5ft, wide, and some fine ore in sight. Two men broke four car loads of ore in two days. Quartz has been struck, showing free gold. The mill commenced running March 27, with everything weaking wall. with everything working well.

I.X.L. (Gold and Silver)—THE COMSTOCK MINES (No. 111.)—Our former notices have shown that in physical features the I.X.L. and former notices have shown that in physical features the LALL and Exchequer compare favourably with the great Comstock Mines; and that, situated upon the same mineral belt in the same mountain range, the LXLL and Exchequer veins are similar to the Comstock in structure, enclosing rocks, fillings, bonanzas (or ore bodies), and general characteristics. We have also shown that in many important respects both LXLL and Exchequer possess advantages over any other mines upon the Pacific Coast. From the period of the earliest discovery of the precious metals in the Silver Mountain discovery of the precious metals in the Silver Mountain discovery. earliest discovery of the precious metals in the Silver Mountain district the I.X.L. has always been regarded as its representative mine; last week we quoted the testimony as to its value given by Prof. Ross Brown in his capacity as the United States Government Surveyor of Mines; corroborative of this opinion we may now adduce the testimony of Prof. W.T. Rickard, F.G.S., who resided in the locality for more than four years, during which time he made himself tho. for more than four years, during which time he made himself tho-roughly acquainted with most of the mines. Prof. Rickard says that his attention was first drawn to I.X.L. in the year 1866 by an assay which he was required to make of an average sample of its ore. He visited the mine while engaged in a general inspection of the district and was much at only the foregraphs are represented. ore. He visited the mine while engaged in a general inspection of the district, and was much struck by the favourable appearance of the ruby silver ore then lying on the dumpsat its mouth. Although the mine had yielded enough ore (some \$50,000) from merely surface operations conducted in the most primitive manner by needy adventurers, which proves its extraordinary value, it ceased, as a matter of course, to be immediately remunerative as soon as the necessary operations for systematically and legitimately opening out the mine in depth required to be commenced. Then funds not being forthcoming the property remained in abscance until purout the mine in depth required to be commenced. Then funds not being forthcoming the property remained in abeyance until pur-

chased by the present company upon the urgent recommendation of Mr. Lewis Chalmers (who is the manager, as well as of the adjoining Exchequer Mine). An independent shareholder, who twice young Exchequer Mine). An independent shareholder, who twice visited the mine at his own expense, says in a letter addressed to the directors, that he has been over both the upper and lower tunnels, and assures the beard "that when the proper mement arrives there will be no difficulty in attacking any one of several choice spots and extracting ore, and ore, too, that will assay from \$100 to \$1000 per ton all the time; indeed (he adds), he saw some pieces taken from the roof of the tunnel, and ore more or less valuable is visible throughout its antirelangth which would assay \$2000 per ton. spots and extracting ore, and ore, too, that will assay from \$100 to \$1000 per ton all the time; indeed (he adds), he saw some pieces taken from the roof of the tunnel, and ore more or less valuable is visible throughout its entire length, which would assay \$2000 per ton." This it will be seen is fully equal to some of the ore from the Exchequer Mine. The same authority further adds that "ore is more visible and promising in the lower than in the upper tunnel, but even in the latter the face, which is in 350 ft., proves the ledge to be 12 ft. wide at that point, and shows very rich ore. . . You will see I think highly of this mine, and who would not? All the people here do, and daily testimony is received from Virginia City people in their identifying our ores as either from the Yellow Jacket or Ophir Mines, both on the Comstock lode. I.X.L is both better and richer than the other mines." Prof. Rossiter Raymond, United States Government Mining Commissioner—than whom, probably, there is no higher authority—has said that "the ore can be mined and reduced at a minimum cost of \$8 (about 40s.) per ton, owing to the abundance of water-power and timber." Col. Winchester, in his book "Some Facts about Gold and Silver Mines and Mining in California and Nevada," speaking of the Silver Mountain district, says—"At Virginia wood mostly floated down the Carson river from the inexhaustible forests of Alpine county (in which are the I.X.L. and Exchequer Mines) costs \$14 to \$18 per cord; at Monitor it can be obtained from all the mountains around, for the expense of cutting and hauling, not exceeding \$4 per cord. With these facilities for the economical development of the mine, and reduction of the ores, it is seen that the expenses of mining will be less than at any other in the State or in Nevada; ores of but half the average richness of those of the Comstock can be worked at equal profit, while the fact is that the expenses of mining will be less than at any other in the State or in Nevada; ores of but half the average richn selected of worked by barrel amagamation, gave a result of \$250 per fon. A large amount of lower grade ore is in sight in the upper as well as in the lower tunnel, the latter being 600 ft. long, and disclosing in its course several very large bodies of ore of more than average value. The only thing needed is the erection of a mill, in order to make the mine dividend paying, but the present stockholders are too poor to do it, and do not know the real value of their mine. The immense advantages which the LX-L. Mine offers in comparison to other property is -1. The mine is already presented and its value estamense advantages which the I.X.L. Mine offers in comparison to other property is—1. The mine is already prospected, and its value established beyond all doubt.—2. The character of the ore is a most excellent one—ruby silver, silver glance, glaserz (argentite), other of the so-called noble silver ores, embedded in a beautiful quartz, constituting the vein matter.—3. There is now more than 1000 tons of ore in sight.—4. The situation of the mine is very favourable, lying near to a large tract of thickly wooded land.—5. Bullion can be shipped within a few days after the mill is erected. It is my opinion, and I am ready to carry out and prove its correctness, that \$25,000 will not only develope the mine and erect a mill, but also put it into such a state as to be a permanent source of wealth to the shareholders. There is very seldom an opportunity offered like the one in question, and I cannot enough recommend it to you to avail yourself of it." It is simportant to remember that the above was written prior to the introduction of the Stetefeldt chloridising furnace, which prior to the introduction of the Stetefeldt chloridising furnace, which has cheapened the cost of reducing ore into bullion since then at least \$15 per ten.

STOCK EXCHANGE GENERAL MARKETS.—Unprecedented as the step may be, the reduction in the rate of discount from 3 to 2 per cent, seems to be justified in the circumstances. The stagnation in trade, which has now so long continued, occasions a scarcity of trade trade, which has now so long continued, occasions a scarcity of trade bills, and the contracted demand has helped the downward course of rates; however this may be regretted as both a symptom and result of commercial depression, the great abundance of money has warded off worst disasters. There was a 2 per cent, rate in August, 1875, and in July, 1871, but there has been no occasion since the passing of the Bank Act in which the rate has been lowered at once from 3 to 2 per cent, till Thursday, and its significance can only be appreciated by remembering that a fall from 3 to 2 per cent, means a fluctuation of no less than 33 per cent.

RALLWAYS.—At present prices railway debenture stocks yield 33

RAILWAYS.—At present prices railway debenture stocks yield 33 to 41, and railway ordinary stocks (taking the average of the last two dividends) 4½ to 5½ per cent. As regards the last mentioned, this return is beyond the average of some time past.

this return is beyond the average of some time past.

FOREIGN BONDS.—Generally a more favourable feeling is entertained, based upon the opinion that the fall has been carried to too great an excess, and that if Ezyptian and Peruvian financial affairs have the prospect of being more or less satisfactorily settled, speculation should be so ordered as to provide for the possible elevation of foreign securities from their present degraded position—in consequence of these prudent misgiving, efforts are frequent to reduce the outstanding accounts for a fall. As to Egyptian, it become daily more evident that unless the cost of the National Debt is greatly reduced, expensive public works carried on more moderately, and the revenue more economically administered, there will soon be an end to the means of doing anything for the bondholders. Two things, the revenue more economically administered, there will soon be an end to the means of doing anything for the bondholders. Two things, therefore, must be done at once—one is that the several loans be funded on terms which would practically abolish the sinking fund; and the other that definite arrangements be made with the Viceroy with regard to the administration of his affairs, in order that there may be no chance of his again falling into arrear. Turkish have been flat; the Sultan's ministers cannot be blamed for deferring the April nayments return than have more dealings with the money. been flat; the Sultan's ministers cannot be blamed for deferring the April payments rather than have more dealings with the money lenders, to whom, as much as to Turkish improvidence, the present insolvency and disgrace is due; but curiosity is aroused by the occasional reference to schemes for combining or funding the several classes of bonds, and the assurance that the object is to afford all the desired guarantees for protecting the interests of the bondholders in a permanent manner, has ceased to produce any marked reassuring affect. effect.

MISCELLANEOUS Some of the Cable shares have been in request purchasers being apparently attracted by the fact that the best descriptions return from 7 to 8½ per cent. at the present price, and that in several cases large reserve funds have accumulated

SLATE QUARRYING IN SCOTLAND,—The Aberfoyle Quarries in Perthshire, recently taken over by the Montrose Slate Company from Mr. Nicholls, appear to be opening out in a very satisfactory manner. Exactly 12 months since Mr. R. Hughes reported that he had discovered two excellent veins of slate—one blue, which would cleave equal to any in Wales, and the other Cambrian, so situated, and of such excellent quality, that operations could be immediately commenced upon it. The present system of working is very hadequate, and Mr. Hughes states that a level driven 20 yards below the present floor will pass through slate of such a quality as he has seldom in his experience (extending over 37 years in Wales) seen. The blue and green, which are exceedingly hard and durable, and of excellent cleavage, cumot be surpassed for roading purposes, while the other colours are admirably adapted for making enamelted and polished slabs, such as are used for mantel-pleees and other ornamental work, billiard tables, &c. The company is now offering twice per cent. debentures at 90% per cent, which will give nearly 13% per cent, as an investment, in addition to which each subscriber for debentures is entitled to a certain number of free shares as bonus.

## Mining Correspondence.

#### BRITISH MINES.

BRITISH MINES.

ABENDAUNANT.—6. Toy, April 19: Setting Report: No. 2 adit level to drike east, by six men, at St. 10s. per fathom: the lode in this end at present is any of lead, but not sufficient to value. No. 1 adit to drive at St. per fathom: while size commenced to blast down the north part of the lode, but it is not so good sixten the last time we broke it down; it is now worth 4t, per fathom for good sixten that the sunk about 15 ft. below the surface, and the water is increasing on us we age deeper, which no doubt is on account of so much snow and in that is we get deeper, which no doubt is on account of so much snow and in that is we shart is such about 15 ft. and hoping we shall not get much water when the state of timber bettern to the top of the shaft, make it all secure, and fix the windless to fire all water and stuff with.

weather. We shall commence to morrow to put in the sets of timber bottom to the top of the shaft, make it all secure, and fix the windlass all water and stuff with.

ASSHETON AND WEST ASSHETON.—John Craze, April 12: Bound its completed to the 60 and the plat cut, and the shaftmen have resumed ing, which shall be pushed on to the 70 with all dispatch; and a pare of commenced to drive the 60 cross-cut south to intersect the lode, which we offect in about six weeks hence. The 50 west is now in about 5½ fathom cross-cut; no lode has been taken down since last report; there is a good water oozing from the lode, and, judging from the character of the carly improvement may be expected; the lode shall be taken down into a face of a few days, and the result duly reported. The 50 cast is in about 10 cross-cut; the lode here has very materially improved since list report, 3 ft. wide, and worth for lead and blende about 23%, per fathom (chiefle, 5 ft. wide, and worth for lead and blende about 23%, per fathom (chiefle, 5 ft. wide, and worth for lead and blende about 23%, per fathom (chiefle, 6 ft. wide, and worth for lead and blende about 23%, per fathom (chiefle, 6 ft. wide, and worth for lead and blende about 23%, per fathom (chiefle, 6 ft. wide, 5 ft. wide, and has still a very kindly appearance, but presents indications of further improvement. The 40 cross cut is now a function in the state of the 50. The sum worth 10%, per fathom. In the 115 cast the lode is 4 ft. wide, worth 10%, per fathom. The 108 cast has rat off, being now worth 10%, per fathom. In this level west we are drived field of the 10 cast of

off, being now worth. The stopes are looking much the same as no some in side of the lode. The stopes are looking much the same as no some in which gown to the next level.

BRONPLOYD.—T. Kenny, April 20: No. 3 Shaft, North Lode: The particular state of the width of level (4 ft.) 18 cwts. of lead ore per fathem; the grounds for the width of level (4 ft.) 18 cwts. of lead ore per fathem; the grounds continulty light, which renders progress slow. In stripping down the low width behind the 96 end, and to the west of Joshuk's winze, the lode is p about 18 cwts. of ore per cubic fathem. We shall shortly be in a position a stuff here, and when done we shall commence to sink a winze to the work would have been proceeded with long ere this, but owing to the yoff ms. in length being so built up with meaning, the results of winze, for the width (3 fms.) is worth 15 cwts. of ore per cubic fathom, are getting on well in fitting up the stope to the east of dilto, and will so position to commence stoping where the lode is worth 18 cwts, of ore per fathom. The men in the stope over the 73, to the east from shaft, but men in the stope over the 73, to the east from shaft, is producing sufficient ore for the men to earn fair No. 2 Shaft, Middle Lode: The part of the lode opened by the 52, west west of shaft, is producing sufficient ore for the men to earn fair No. 2 Shaft, Middle Lode: The part of the lode opened by the 52, west indications we ought to have an improvement here shortly. The shaft with regularity. Vesterday we sampled 25 tons of silver cast on Tuesday, April 25.

CARGOLL—John Jennings, April 19: Bovyer's shaft is communic

ing with regularity. Yesterday we sampled as what is con-lustian, April 25.

\*REGOLL—John Jennings, April 19: Bowyer's shaft is con-ose cut north. We have now to square it down, case, divide, a preparatory to cutting plat, &c., for receiving the stuff. V-ed the south lode in the south cross-cut at the 11; the lede is a leader of solid silver-lead on the footwall, and is worth 125, or in the winze below the adit, east of Bowyer's shaft, is got at the lode at the 11. I have now put a pare of men the aining water, and to sink the same to effect a communication as possible; the lede in this winze is worth 15, per fath

soon as possible; the lede in this winze is worth 15i, per fathom, tees are looking much as usud.

CWM DWYFOR (Copper and Silver Lead).—Jos. Jewell, April 2 Lift: The shaftmen are making fair progress in sinking this shaft, but it wan by the end of the month, when its size and value shall be sent of the month, when its size and value shall be sent of Look south: In deving this level cast from Stewart's shift the g 15 cwts of silver lead one and stones of copper ore per fathom, easurement within 6 ft, of the point in the open cut, where the lode is work for lead and copper ores, and I am of opinion that as a diet this point we shall have a more productive lode. In the stope this level, west of Stewart's shaft, there is no change to report, as suing the lode.—Level on No.: Lode South: We are now, I belie e slide, and the lode is producing some nice stones of lead ore; it uraging to find the end becoming productive so soon after passing all teable to speak more of this lode in my next report.—Crushing a conjineers intend completing the fixing of this machinery to-merefore, hope to commence crushing ore on Monday next.—Havey

the engineers intend completing the fixing of this machinery to-more, and includes the continuous to do good duty. We sampled the small pred do we have dressed by hand last Saturday.

CWM ELAN (NEW).—W. Goldsworthy, April 15: Each point of operation hooking much the same as list reporter. Surface work has been retarded by the worse weather; snow fell several inches deep.

WM ELAN (NEW).—W. Goldsworthy, April 17: We have this day shipped to small pred if the same as list reporter. Surface work has been retarded by the worse weather; snow fell several inches deep.

DE BROKE,—T. Phillips, April 19: The shiring of Whoo's shift is going to well. The lode on the 25 tm. level driving cast is worth from 20 to 30 cat led same level are worth 20th per fathom on the average. The stopes in the back same level are worth 20th per fathom on the average. The stopes west of junding the worth 12th per fathom on the average. The stopes west of junding the counter lode. On the whole, the mine looks very encouraging at presented the true for the forture.

r the future.

DENBIGHSHIRE CONSOLIDATED. - J. Pryor, April 20: The 112 east, No.

1. April 12 in a lightest large of the regression of the regression of the regression. IGH-SHIRE CONSOLIDATED.

shibiting indications of the permanent improvement 1 nave ports. Some excellent patches of rich lead ore are in the fithe ground of a good character for making lasting deposits, have been getting some good ore. In the 112 west, Parry's open upon a well defit ed lode, and, judging from the grounday, improved production is every probable. In the rise to provement is noticed, and good lead ore is being raised the provened of the sump sunk from Parry's shaft where we have under the sump sunk from Parry's shaft where we

sump improvement is noticed, and good lead one is being raised therefron. It are now nearly under the sump sunk from Parry's shift where we left these We shift have a parcel of one neady during the next fortnight.

DUBBY SYRE.—Wm. Thentire, April 13: Dubby Syke level is progressing that as possible.—Shooting Box Level West: The execuation for the samptop proceeding satisfactorily. The rise in the cast end is still very unsound, and ging out a good dead of water, which retards our progress.

EAST VAN.—Wm. Williams, April 18: Tempest shift is in a good couse sinking. The 25 fm. level is extended 8 fathoms west of cross-out. We be fine, more to drive to get opposite the shaft, where we intend crossing to men, and are having occasional stones of ore. We typed a feed of water here lay; the ground in the present end is congenial for lead ore. Law continual viving letters from shareholders enquiring why we do not drive here and end there is a shareholders and are having occasional stones of ore. We typed a feed of water here lay; the ground in the present end is congenial for lead ore. Law continual viving letters from shareholders enquiring why we do not drive here and end there we have no west lation until the new shift lown to the 25, and we have as many men at work now as the ventilation will there we have no work of engine shaft, and we are now doing all in our power focus of having about 300 fms. of well jointed zine pipes, but as the new shift edites we down it would be only throwing money away. If the shareholders we verying a little patience until we get this shift down (which will be a west important discoveries, in addition to what we already have, with the ten me wo important discoveries, in addition to what we already have, with the ten me wo important discoveries, in addition to what we already have, with the ten me wo important discoveries, in addition to what we already have, with the ten me wo important discoveries, in addition to what we already have, with the ten me wo important discoveries, in addi overies, in addition to what we all

DAY AL WOLK.

EAST WHEAL BASSET.—R. Pryor, Edw. Adams, April 19: The lode is the same in the back of the 43, east of cross cut. is worth 17/, per fathom. The lode

ASGOW CARADON CONSOLS.—William Taylor, W. J. Taylor, April II fine middle level cast is in a fine-looking lode, worth 25t, per fathom, and the ground is easy. The south branch, on which we are driving west tree, is openial attaining ground worth from 7t, to 8t, per fathom.—Harrey's North Lode: The winze in this bottom of the 65 is opening tribute ground worth from 6t, to 7t, per introm; we are pashing on this winze to hole to the cross-out at the milway as as as possible. We have just commenced a rise in the back of the 85, and this lode, or communicate with a tribute pitch in the bottom of the 52, to open it for better working and ventilation. There is no change of importance in the stopes or pitches inventioned the mine—full value as last reported. All the work about the new that is being pushed on as fast as possible. All the work about the new that is being pushed on as fast as possible as a function of GLYN.—J. Reach, April 17: The engine-shaft is in good course of sinking, and still expect to reach the 30 as early as I anticipated. The 15 fathom level east of research its fill in a good lode of lead. Commenced making preparations this morning to stark a winze in the lead already passed through. We shall drive Isfine seed west 2 fars, more, then sink a winze in this level also, where from indications we may expect a rich course of lead. The mine at present shallow depth is opening att well indeed.

out well indeed.

GORSEDD AND MERLLYN CONSOLS.—W. Edwards, April 20: We commenced to pump the water from the new shaft yesterday, and to day got it entirely clear for sinking.—Quarry Lode: The tributers wound their lead yesteday, and to day started dessing it up. Full report in my next.

GREAT DYLIFFE.—Edward Rogers, April 12: Dyliffe Lode: Atthe 120, driving cast of boundary shaft, the lode is just the same as last reported on, worth 15: per fathom. In the 45, driving west of the winze, the lode is worth for copper alloud 144, per fathom. At the 40, driving cast of boundary shaft, there has been as load taken down during the past week. The winze in bottom of the 25, cast of old engine shaft, is sunk 1 fm. 1 ft. 6 in., and is stopped by an influx of water. The

lode is 6 in. wide, producing a little lead. The men are put to sink another winze by the side of the lode at the 70, where we expect to meet with profitable ground. Designed Lode: In the cross cut at the 45 we are driving in hard unprofitable ground: most likely a few feet more will get fully through the lode.—Llechwedd-du ground: most likely a few feet more will get fully through the lode.—Llechwedd-du ground: most likely a few feet more will get fully through the lode.—Llechwedd-du ground: most likely a few feet fully through the lode.—Llechwedd-du ground: most likely in the set of a few feet fully through the lode.—Llechwedd-du ground: most likely in the set of the feet fully feet

led ore were saying 1622, 10s., and 50 tons at 142, 16s. per ton, realising 1622, 15]. Is per ton, realising 1622, 10s. Is per ton, realising 1621, 15]. Is per ton, realising 1621, 1521,

problems on lead ore. The rise in the back of the 34 north cross cut on new per fathom in the local control of the still very promising, composed of strong branches of blende, and spots of old is still very promising, composed of strong branches of blende, and spots of lead and copper cross; worth for blende about 15 cwts, per fathom. I have put a lead and copper cross out through the lode in the castern part of this drivage, as pare of men to cross out through the lode in the leads to day. I expect we shall be ready to morrow.

\*\*CHEAT WHEAL VOR.\*\*—S. Harris: The engine-shaft is down 3 fms. below the Office of cleaving by to morrow.

\*\*CHEAT WHEAL VOR.\*\*—S. Harris: The engine-shaft is down 3 fms. below the Office. The lode in the bottom of the shaft is 2 ft. wids, producing low 90 fm. level. The lode in the bottom of the shaft is 2 ft. wids, producing low 90 fm. level. The lode in the bottom of the shaft is 2 ft. wids, producing low 90 fm. level. The lode in the bottom of the shaft is 2 ft. wids, producing low 90 fm. level in the lode in the whole, the shaft looks very kindly, and I benow 15 fm. The ground north it on the whole, the shaft looks very kindly, and I benow 15 fm. The ground north it in othe whole, the shaft looks very kindly, and I benow 15 fm. The ground north it in the whole, the shaft looks very kindly, and I benow 25 fm. The shaft looks are shaft looks and the shaft looks are shaft looks. The shaft looks are shaft looks are shaft looks and the shaft looks are shaft looks and the shaft looks are shaftly as a feet of shaft looks are shaftly as a feet of shaft looks are shaftly as a feet of shaftly as

in the least of the water as working regularly, and, I think, getting good suges.

LADYWELL—Artim Waters, April 20: There is no material change here since my last report. The tributers are working regularly, and, I think, getting good suges.

LANRHAIADR.—E. Pascoe, April 20: In the deep adit the only change to moice is that the ootwall is more regular, and has taken a very good underlay. In the level west of winze below No. 4 the end is improving as it is advanced; we have to day splendid lumps of solid ore, and the character of the ground is rich for the production of lead. As intimated in my last, the cross joint in the cross-cit, about midway between the north and south parts of the lode, has carried a portion of the ore with it; we have opened on it a few feet, and it appears to be soming back to the south end, consequently we are clearing the level of stuff, and shall commence to open on it from the south level. To alias pearance we shall have lead on each side of the lode. There is a good mixture of lead in the roof where we have opened on the joint crossing the lode, and it appears to be coming down.

LANRWST-Robt. Kampa, April 19: Since last report we have intersected the great fed lode at the 10 above the adit, and find it 4 to 5 ft. wide, spotted with lead and laded. We have not yet commenced to drive on it in either direction, nor shill we until we have extended a sufficient distance on the caunter lode toget it have a decided as the lode of the day for convenient work. On passing this intersection the caunter lode greatly improved. When last reported it had no estimated value; it is now 4 ft. wide, prolucing fully 15 ton of lead to them fathom. At the adit, the caunter lode east the lode is 10 ft. wide, and worth 35 per fathom. As plendid looking the since have a superior of the mine.

LOVELI (The,—Joseph Prisk, E. Kempthorne, April 11: South Lode: In the 30 end east the lode is 10 ft. wide, and worth 35, per fathom —a splendid looking lode; mar men are driving here, at 12 ft. per fathom, and leadin

go natisfactority, gon attisfactority, gon attisfactority, and the first part of the factority and the first vallety.—James Stenlake, Francis Renais, April 20: The 148 cross-and the fifs west, on Marke's lode, is without change. The 1:2east, on Marke's, is producing stones of ore, and continues to let out large quantities of water, he rise in the back of the 70 we have not taken down any of the lode since the ting. The 50 west, on Rosedown lode, is worth 2 tons per fathom. The 30 tis worth 2 tons per fathom, the 20 west 1 ton per fathom, and the winze in bottom of this level 4 tons per fathom. There is no change to notice in the eard pitches. Good progress continues to be made in the sinking of the shalt.

we shall.

We Shall.

WEDLYN MOOR.—Joseph Prisk, Charles Rowe, April 19: At our pay and settle shall started at the following bargains were set:—The 17, to drive west on No. 1 at his before the shall be shall before the shall be shall before the shall be shall be shall be shall be shall be shall before the shall be shall before the shall be shall before the shall be shall before the shall befor w snare, MEDLYN MOOR.—Joseph Prisk, Charles Rowe, April 19: At our pay and set-

CHIVERTON. - James Trewartha, April 13: Good progress is being made

ches new

and st of this ions ning

en lay, lviv 12.

The 110 rise, 12 cwts. The 70 stope, 10 cwts. The 60 stope, 10 cwts. The 50 stope, 15 cwts.

NORTH LAXEY.—Capt. Rowe, April 21: The lode in the shaft is 3 ft, wide, with more lead, blende, and copper than we have had for some time, also a slight

NORTH LAXEY.—Capt. Rowe, April 21: The lode in the shuft is 3 ft. wide, with more lead, blende, and copper than we have had for some time, also a slight improvement in the 84 end.

NEW NORTH POOL.—W. C. Vivian, F. Clymo, April 20: The south branches of the lode on which we have been opening have become less mineralised, and the parts of the lode towards the north, and adjacent to the branch of spathose fron, now contain the largest proportion of copper, &c. I have, therefore, placed the men to strip down the north side, which had been allowed to stand against the leader of spathose for a distance of about 6 ft. behind the end. When this is done I will again report to you, which will probably be in the beginning of next week.

NORTH THESKERBY—R. Pryor, April 19: The copper department throughout the mine has somewhat improved since last reported on. No change worthy of remark in the tim pitches during the past week.

OLD TREBURGETT.—W. Hancock, W. T. Bryant, April 19: We have stripped down the western part of the lode on the 90 south; cluste the end its 10 ft. wide, and not producing so much ore as formerly. On Saturday next we shall set the end to drive east on east part of lode. In the 80 south of the lode is worth about 12, per faithom, of a very promising appearance; here we must shortly be idle if we cannot draw away the lode stuff. In the tribute pitches are not looking so well as a month ago.

PARYS MOUNTAIN.—T. Mitchell, April 20: The only change we have to ne-

east part of the lode, the ground is till. The tribute picture are not loosing as well as a month ago.

PARYS MOUNTAIN.—T. Mitchell, April 20: The only change we have to not techtis week is in the 65 west and the 45 east; both of these points have improved and are looking very promising. We have to-day sampled two lots of copper ore-computed 250 tons.

PATELEY BRIDGE.—C. Williams, April 20: The Lumb vein, in the south cross out in the 10 is 5 ft. in width, and yielding 114 ton of lead ore per fathorm.—Gulf

and are looking very promising. We have to-day sampled two lots of copper ore—
computed 250 tens.

PATELEY BRIDGE.—C. Willams, April 20: The Lumb vein, in the south crosscut in the 10 is 5 ft. in width, and yielding 1½ to not fead ore per fathom.—Gulf.
This vein is 10 ft. in width, and producing 24 cwts. of lead ore per fathom.—Gulf.
This vein is 10 ft. in width, and producing 24 cwts. of lead ore per fathom.—In the
west cross-cut, in the 20, the ground is favourable, and the vein yielding good
stones of ore. In the cast cross-cut, also in the 20, to cut Fielding's vein, &c., the
ground has a very encouraging appearance, and I trust shortly to make a good
discovery of lead ore here.—Fringap: This vein has a most kindly appearance,
being 6 ft. in width, and embedded between two regularly defined walls, and
carrying a good mixture of lead ore.—Frigine-Shaft: The shaft sinking on Sun vein
contract on Monday and Tuesday next.—Gillied: The shaft sinking on Sun vein
under this level is down 11 fms. 5 ft. The vein in the bottom is 6 ft. in width, and
worth 112, per fathom for lead ore. The vein in the bottom is 6 ft. in width, and
worth 114, per fathom for lead ore. The vein in the bottom is 6 ft. in width, and
worth 115, per fathom for lead ore. The vein in the bottom is 6 ft. in width, and
worth 116, per fathom for lead ore. The vein in the bottom is 6 ft. in width, and
worth 117, per fathom for lead ore. The vein in the bottom is 6 ft. in width, and
worth 118, per fathom for lead ore. The vein in the stope in the back over this
level is 5 ft. in width, and worth 171. per fathom for lead ore.

PEDN-AN DREA UNITED.—Wm. Tregay, W. Prideaux, J. Pope, April 15:
Simp; In the 160 west end the lode (Martin's) is worth 102, per fathom. In the
150 west end the lode (Martin's) is worth 104, per fathom. In the
160 west end the lode (Martin's) is worth 105 per fathom. In the
161 of the preparation of the preparati

It wings and stope below the 75 is worth 3 tons of lead per fathom. All other hargains and pitches are making fair progress, and yielding lead as for some time past. You shall have a full report next week.

PLYNLIMMON.—J. Garl nd. April 2): With the exception of an improvement in the 24 end east. I do not observe any change calling for remark in any of the bargains throughout the mine. Since my last week's report the 24 east has im; proved from a produce of 1 ton of lead ore per fathom to fully 1½ ton per fathom in the soli of the level the lode will produce 3 tons of lead ore per fathom; a splendid looking lode. I am sorry to say that, owing to another mine having started at Cwmy-twith, some of our men have left, and our stopes and shaft are short handed. I hope to be able to replace them in a few days. We have ample surface water, and drawing and dressing are being pushed on as fast as possible. The machinery throughout the mine is in fair working order. Our carpenter and smith are busy, the one in making the necessary bolts, &c., and the other preparing pulley-stands for new line of rods. I am pleased to say that the present prospects of the mine guivanter this and any other needful outlay.

PORT NIGEL.—J. Manley, April 18: The engine-shaft is down the required depth for the 68, and driving has been commenced in a lode of a promising character. The 66 west is not looking so well to day, but the lode is still yielding good saving work. We have to day communicated the rise over the 56 east will now be resumed, when an early improvement may be expected. There has been on change worthy of notice in any of the stopes during the past week. At surface our new lingers are working first-class.

PRINCE OF WALES.—J. Andrews, J. Pryor, April 19: There is no change in the 77 cross cut north, the ground in which is favourable for progress. In the 56 west to lode has been taken down for the week. The lode in the 45 west is composed of quartz, capel, mundie, and stones of copper ore.

RELISTIAN CONSOLS.—J. Cuttis, April 19:

offee in the lode in Duke's shaft since last report, only more water coming from the south lode. RHELDOL.—John Ridge, April 15: There is no change calling for remark in

RELISTIAN CONNOLS.—J. Curtis, April 19: There is no material change to notice in the lode in Duke's shaft since last report, only more water coming from the south lode.

RHEIDOL.—John Ridge, April 15: There is no change calling for remark in the 20 west since last report: the lode is very strong, and continues to yield nice strings of ore; reset 1 fm. at 64: 18s., which includes the removal of the stuff. The rise in back of the 10 west will yield 15 cwts. of lead ore per fathom.

ROMAN GRAVELS.—Arthur Waters, April 20: The shaft below the 95, by the side of the Roman lode, is idown 4 fms. 4 ft.; ground favourable for progrees. The 95 north, on east put of Roman lode, has improved from 18t. to 307, rer fathom. The 95 south is worth 43f. per fathom. The new south engine shaft is now 15 fms.; 2 ft. below the 39. The 80, south of said shaft, is worth 80; per fathom. The 55, south of Stokes' winze, and about 212 fms. south of old engine shaft, has considerably improved this week, and is now worth 25 fms per fathom. This is a good feature to see the Roman lode making ore south of the junction of the saw pit veln. As I stated in a previous report, the corresponding ground in the upper levels has never been explored. The winze below the 65, in front of the 80 end, is now down 9 fms. 2 ft., all the way by the side of a splendid course of ore. The stones throughout the mine as valued last week.

SOUTH CONDURROW—Wm. Rich, Wm. Williams, H. Abrahum, April 19: The 98 end, each of King's shuft, yields stones of tin. The 95 west is worth 10%, per fathom. The rise in the back of this level is worth 20, per fathom. The 82 end west is worth 7% per fathom. The 70 west is worth 10%, per fathom. The 60 west has improved, now worth 190, per fathom. The 60 west has improved, now worth 190, per fathom. The rise in onlevel driven over the 60 west has improved, now worth 190, per fathom. The rise in olevel driven over the 60 west has improved, now worth 190, per fathom. The rise nolevel driven over the 60 west has improved, now worth 190

paper cree.
SOUTH ROMAN GRAVELS.—J. W. Powning, April 20: Shelfield: Westarted
the pumping-engine to work on Monday, and have forked about 4 fathoms. We
deulate to get down to the roof of the 10 by Saturday evening, when we shall
able to increase the speed of the engine, and make better progress in forking

yet far enough to catch the run of ore seen in the said 130 west. The stope in the 100 west, on couth lode, by four men, at 13. 190; fole worth 30. per fathom. The 92 west, on south lode, by four men, at 13. 10s; fode worth 20. per fathom. The 92 west, on south lode, by four men, at 13. 10s; fode worth 20. per fathom. The 92 west, on south lode, by four men, at 13. 10s, per fathor. The stope in the 13 west, by four men, at 21. per fathors; worth 150. per fathom. The stope in the 14 west, by four men, at 100, per fathors; worth 150, per fathom. The 14, to drive west of shaft, by two men, at 100, per fathors; worth 150, per fathom. The 14, to drive west of shaft, by two men, at 100, per fathom; worth 150, per fathom. The 14, to drive west of shaft, by two men, at 100, per fathom; worth 150, per fathom. The 14, to drive west of shaft, by two men, at 100, per fathom; worth 150, per fathom. The 14, to drive west of shaft, by two men, at 100, per fathom; worth 150, per fathom. The 150 per fathom 150 per fathom. The 150 per fathom 1

as fast as possible for another parcel of lead. Machinery in good order, and working well.

WEST ESGAIR LLE.—John Davis, April 20: We have nothing new to report from underground this week. At surface we have sufficient water-power, and the dressing machinery is kept going time and half each day. The new water-course is completed to the western mine, and all the launders are creeted. We have let a barg into four men to drive a short cross cut under the new discovery of lead ore. The cross-cut will be only about 4 fms. long, and it will intersect the lode at a depth of about 5 fms. We could not sink upon it without incurring considerable expenses and delay in diverting the water course.

WEST GODOLPHIN.—John Pope, April 19: There is no change in the underground department of this mine since my last report. I sm hoping that the masons will build the loading for the stamping engine sufficiently high this week for fixing the grantite bed. I will send full report in time for the committee meeting on Tnesday next.

WEST MARIA AND FORTESCUE CONSOLS.—W. Skewis, April 19: West Maria Lode: There is no change to notice in the cross-cut south at the 104, nor in the rise in the back of the 93 west since leave to the consequence of the consequence.

neground department of this mine since my last report. Learn hoping that the deground department of this mine since my last report. Learn hoping that the for fixing the granite delit in the stemping engine sufficiently licit this week for fixing the granite delit of the stemping engine sufficiently licit this week for fixing the granite delit of the stemping engine sufficiently licit this week for fixing the granite delit of the stemping the stemping that the stemping engine sufficiently with the stemping that the stemping that

SECURITY CONTROL WARD.—It is indicating improvement, and we expect something good and after quantities of the start of the picks are all the property of the picks and the picks are all the property of the picks and the picks are all the property of the picks and the picks are all t

With this week's Journal a Supplemental Shert is given, which contains—Ooriginal Correspondence: The Mineral Resources of West Virginia (Philip H. Symons); Exchequer Gold and Silver Mining Company Virginia (Philip H. Symons); Exchequer Gold and Silver Mining Company (A. Joy); Javali Company; Early Discovery of Gold in California (A. Heatherington); the New Manganese Bronze; the Ammonia Process; Blue Heatherington); the New Manganese Bronze; the Ammonia Process; Blue Bronze Mines, New and Old (A. Francis); Cornish Mining—the Dues Question; Shream State of Mining in Cornwall; Prospects of Cornish Mining (C. Bawlen); Llaurwest Lead Mine; the Lead Mines of Derlyshire, No. IV.—Derbers; Rockhope Mine,—The Cornwall Chemical Company, No. IV.—A Quicksilver Furnace for Fine Ore—Lead Mining in Durham, No. II.—Foreign Mining and Metallurzy—The Quicksilver Mines of New Almaden—Foreign Mines—Meetings of West Wheal Tolgus, Wheal Agar, and Nerbudda Companies.

## The Mining Market: Prices of Metals, Ores, &c.

| METAL  | MARKET-LONDON, APRIL 21, 1876.   |
|--|--|
| Fig. GMB, f.o.b., Clyde., 2 IS 3-<br>Scotch, all No. 1 3 0 0 - 3 10 0<br>Bars, Welsh, f.o.b. Wales 6 5 0 - 6 10 0<br>in London, 7 0 9 7 8 0<br>Stafford., 8 15 0-10 5 0<br>in Tyne or Tees 7 0 0 - 0   | TIN. £ s. d. £ s. d.<br>English, ingot, f.o.b 77 0 0 - —<br>, bars , 78 0 0 - —<br>, reined. 79 0 0 - —<br>Australian 71 0 0 -<br>Ranca 82 0 0 (nom.)<br>Straits 71 0 0 -      |
| "In Tylico Tees". "1 0 0-15 0 0 Rails, Welsh, at works. 5 15 0-6 0 0 Railway Chairs  spikes Sheets, Staff., in Londonlo 15 0-11 10 0 Plates, Staff., in Londonlo 10 0-12 10 0 Hoops, Staff. Wall rods, Staff. in Lon. 8 5 0-8 15 0   | COPPER, Tough eake and ingot. \$5 00 - Best selected   |
| English, spring  | Chili bars, g.o.b  |
| English, pig, common . 21 10 0-21 13 0  " L.B  | Wire 93/4d - 12d. Tubes 9 -12d. Sheets 9 -10 Yel. met. sheath. & sheets 73/5 - 8 Nails composition 93/2 -103/2   |
| " re1 24 0 0-24 10 0 2 | TIN PLATES.* per box. Charcoal, 1st quality 1 7 0 - 1 8 0 2nd quality 1 5 6 - 1 6 0 2nd quality 1 2 0 2nd quality 1 0 0 - 1 0 6 2nd quality 1 0 1 1 0 0 2nd quality 1 0 1 1 10 |
| Specifical   23 10 0 - 24 0 0   English   Swatsea   23 10 0 - 23 15 0   Sheet zine   28 3 0 - 28 10 0  | Canada, Staff, or Gla., 15 0 0 - 15 10 0 at Liverpool  |

\* At the works, is, to is, 64, per box less for ordinary; 10s, per ton less for Counta; IX 6s, per box more than IC quoted above, and add 6s, for each X. Terne-plates 2s, per box below tin-plates of similar brands.

Ex.—The last Returns of the Board of Trade reveal some parent improvement in the condition of the great manucentres of the country. Very slowly, yet with some steadiness, it would appear—judging from these returns, wever, must be taken with great reserve, as they do not aw the increase arises—that we are about to emerge from of almest other strands towards one at proaching to something like I is to be innested that any the frame towards this consummation he mass extensity aveided. Thus, the announcement of the strike of colliers in the Yorkshive and Derbyshire districts, because of the reductive seals in the Yorkshive and Derbyshire districts, because of the reduction of the same that the world appear that the required evideo patent. It is but to well known that in the true especially of course, the coal trade is infinitely alied—the masters books are of order, and that buyers will not, because they cannot, come for the present conditions of trade to purchase at current rates. In every he metal trade there are wheels within wheels; and, in order to discuss of the distingent of the same they to pieces. The manufacturer of the finished metal cannot is cools textuse of the high rate which the smelter demands; and he alled to reluce his price because of the rates which he smelt return is proportion to alled the reluce his price because of the rates which he smelter demands; and he alled to reluce his price because of the rates which he most intensity of the manufacturer of metal cannot the substacles in the way of a general resuscitation of trade would be remainful to the metal trade in the silvertion, but not sufficient to enable strong he of men in the North of England alone connected with the lation to how men in the North of England alone connected with the lations to be one of the metal trade elements. REMARKS.-The last Returns of the Board of Trade reveal some

eness, ally exhibits, only in a more marked st all other departments. Some four mormous efforts were put forth to meet at all other departments. Some four formed, factories extended, and, in formed, factories extended, and, in producing the factories of the factories in the factories of the factories of the profit, of the money hid out. But a profit of the money hid out. But a of of inflation. There is now no longer period of inflation. There is now no longer inasmuch as the demand is curtailed below effort towards contraction has been and is of the present very limited legitimate remains connected with the iron trade must prove have anticipated that the current year would soor, which was acknowle light to be a very 1875 the value of railway material exported resented by 103,000 tons. The past quarter railway material of 61,000 tons, the value in ling all this, however, there are indicating first became personality. n railway insternal of \$6,000 tons, the value tainling all this, however, there are indical h first became perceptible in the North of y is observable in these and other quarters, overneat will extend to this country. It is employed even now agree to make common del its own against the competition of the divided, and capital and labour, instead of

market for this metal is firm, and the price of the market for this metal is firm, and the price of been fully maintained, 70% having been paid for cash, or forward delivery of g.o.b. A good businessappears lone in Liverpool, but so far as the transactions here they are of a more limited character. It does not tenerally well understood from what cause this sudden some whether from the introduction of the speculative element, had its origin in crivate information regarding the expected supers, on the other hand, whather this movement may not have emarsh, being under the impression that extensive "hear" sales the impression that extensive "bear" sales best consulted their own interests in putting up whenced value which would have to be given girt be maintained. The future course of the last charters are announced, so will the firmed, or the reverse. Up to April 18 bers mostly consider the market has been firm, Chill bars mostly formal for English exhibited a measure of impression of the construction of the c

17. The fireness of the market is still suctained, but shipping orders are very in a partial there is very little doing, but sellers are compelled to deal their prices on account of the enhanced value of copper.

RON.—The published returns of shipments of iron from South these for the month of March fail to afford any encouragement to the expectation of improvement in the position of affairs in the district. From Cardiff the exports amounted to 4703 tons, from which the temperature of the presence of 2012 tons as compared with the returns for the presence of 2012 tons as compared with the returns for the presence of the foreign demand from all quarters does not suffice to impart any stills within the temperature of the proper continues to afford the chief outlet for the export trade, the home and foreign demand from all quarters does not suffice to impart any stills visibly to the trade. From the North of England the report continues to that district. discouraging as for a long time past. In the rail market there is very little, and at currout quotations there is not much, if anything, to be got out of that may be taken; 60. So, to 60. Dos, is about the usual quotations for rails may be settlen and specification. The shiphuilders have until lately afforded use of the market, but order are now failing off, and as those on we executed, makers' books begin to look bare of plate orders. Merchant equilet. Many of the foreign canakes are already stocked by iron sent out almost of orders are now the executed and of the continuous to th

| Week ending April 17, 1875<br>Week ending April 15, 1876 | Tons      | 14,853<br>11,366 |
|--|-----------|------------------|
| Decrease   | p 1 0 7 8 | 3,487            |

CAD.—The market continues very quiet. Good soft English pig orted 21l. 73, 6d. to 21l. 10s., and soft Spanish without silver

Spelter.—The market remains unchanged. Very little doing. Ordinary Silesian is quoted 23l. 15s. to 24l.

Quicksilver.—Quotations have undergone no alteration, 10l. per flask sellers' price. The market is dull.

Tin.—The value of this metal has slightly fallen, and sales have taken place of small quantities at 20s. per ton below last week's prices, although holders are rather opposed to realise at so low a rate as 7ll., yet there is very little doubt but that our market will continue to fall for some time to come, as the return at the end of the menth is expected to show a large addition to the present exorbitant stock. English ingots have declined to 77l.

Tin.Plates.—The report of the quarterly meeting of the tin plate makers, held at Gloucester, affords but poor encouragement to this industry. Universal depression seems to be the order of the day. The trade is working at a loss. The general demand is very poor, and the large measure of support afforded by the American market

and the large measure of support afforded by the American market is withdrawn. The meeting ruled that if the stoppage of the works for one week per month did not suffice to prevent the accumulation of stocks the works should be stopped for two weeks in every month.

THE IRON TRADE—(Griffiths's Weekly Report).—Friday Evening, We have very little change to notice in the Glasgow market for Scotch pig fron. G. M. B. warrants close this afternoon with buyers at 58s. 34., being a shade lower than we reported the price this day week. We have had a moderate business this week in marked Staffordshire bars, at all list rates of 10t, per ton, and orders for boiler plates of best qualities have been sent down to Staffordshire in moderate quantities to supply the faily wants of the boiler makers on the Thames and other London districts. The demand counted be said to be oxcessive, which runs now very much on best fron. The Yorkshire houses continue to receive their regular orders which are given out after Quarter-day, for the best qualities of boiler plates and o her specialities made at the famous works near Leeds and Bradford. Some fair orders for railway specialities have been sent to the noted works leve this week, for which lixed rates have been sent to the noted works leve this week, for which lixed rates have been sentred. We regret to say that the tin plate trade is not yet enlivened by any extra demand, but as the diminished production is reducing stocks on all hands, it is expected that this trade will revive a no distant day. The iron trade at this moment is passing through a peculiar phase. The necessity of increasing working time and reducing considerally the tariffs of wages is now admitted by the collers and workmen in all departments, and this painful process, which is inevitable, is now being carried out in all parts of England; when this is effected, we shall be able to compete with Germany, Beigium, and the i nited States, and afterwards, no doubt, when we reach the bottom of prices, a gradual but sound reaction will commence in the trade, which must improve the prospects of masters and men alike. It must not be unglet in the contrary, the trade as a whole is bad and unsatisfactory, and the general prospects of the ron trade at this moment are flat and discouraging. T THE IRON TRADE - (Griffiths's Weekly Report), - Friday Evening,

mant, and at present prices the makers are positively losing money. Iron rails are to be bought at 60, per ton.

Messrs. James and Shakspeare—Copper: a private sale has lately been made of two cargoes (about 1600 tons) of Chill regulus, on spot at Swanssa, and one cargo (about 700 tons) to arrive at Liverpool, the whole at 16s, per unit; but it is believed that the importers gave some special guarantees to the smelters in order to induce them to pay the said figure, which was rather high as compared with the values the latter were then able to obtain for their manufactures. Burs show a further rise of about 29s, per ton, and a good quantity has been taken, since we last wrote, up to 72t, both for spot and arrival, at which importers let go indiscriminately either good or ordinary picked marks. The market closes firm, and not much obtainable unless at a slight advance on that quotation. The improvement in other sorts caused a better demand for Australian, and Burra has sold up to \$4t., Wallaroo cake to \$4t. 10s., whilst outside brands realised \$2s. to \$2t. 10s. per ton. Smelters have officially fixed their quotations for tough at \$5t., select \$5t', and strong sheets \$2t', per ton, but no important business has yet been done at these figures. —Thy: English quiet, but rates are unaltered. Foreign is slightly lower in price, and operators are depressing values in the expectation that the recent heavy arrivals will cause importers to sell on lower terms. —Least is somewhat steadier. English pig may be called 2s \$6t, per ton better. —Spectren also shows an improvement, and it is difficult to purchase anything except at full quotations.

steader. Legish pig may be called 39.4. per too better.—Spelther also shows an improvement, and it is difficult to purchase anything except at full quotations. Messrs, Henry Rogens, Sons, and Co.—Copper: There has been a large business done in this metal both for spot and arrival parcels of Chili bars, and the price has advanced 208 to 398, per too. Furmace stuff has also been largely dealt in, regulus having been sold at 154, 64, to 168. English raw copper has also advanced, smelters asking 88% and 81% for tongh and best selected respectively. Australian has been more in demand, and is now 108, to 298, higher. There is still an absence of orders for sheets for Inila, both in copper and yellow metal, the Exchange preventing the markets on the other side rising in sympathy with ours.—Thy: This metal has received 208, to 308, and still tends downwards, in consequence of the large arrivals of Australian. As, however, the metal just arrived is not yet available, and the quantity offered for sale is not large, Australian has commanded in some cases a better price than Straits.—Spelther is decidedly firmer, and in better demand for spot parcels.—Lead is easier, and there is less doing.

Messrs. French and Smith—Copper firmer.—Thy is easier on account of the large arrivals this month.—Thy Platter steady.—Lead stady, but inactive. Messrs. Sayrord and Bridge Copper Colli bars are very firm, and English manufactured is also higher in price. Australian is quieter, with little doing.—Thy closes weak and depressed; foreign may be quoted 714. It as for both Straits and Australian. English is steadier in price, and in somewhat better demand.—Sheet Zuck is steady at 294, 10s. per ton for good foreign.

Mr. MURRANT—Thy: Foreign has given way about 14. during the past week, the

SHEET ZING is steady at 224. Tos. per ton for good foreign.

Mr. MURRAYT—TIN: Foreign has given way about 14. during the past week, the continued heavy arrivals having indue d holders to accept somewhat hower prices both for eash and forward delivery. No heavy drop need be feared for the next few days; but it is very doubtful whether the market will be able to maintain its present position in the face of the large quantities which are due to arrive during the next two or three months. It is to be hoped, however, that those who may be a unpelled to realise will steady thormselves, and not knock down the market will unnecessary panie, which can do good to no one. The market closed list night with sellers of Straits at 11s. eash. —Coppers: Chill is about 10s, per ton better than a week ago, but buyers held off as much as possible, in anticipation of lower prices; the delay in the receipt of the charters, too, increase the uncertainty which enshrouds the intare of this article. Australian has been firm, and Wallaroo cake dealt in at 15s, per ton above the average of the last sale. With regard to the next sale there would appear to be a difference of about 3t, between would be buyers and sellers' views, and only one extraordinary transaction has transpired, but a description of it would require more space that can be spared here: 79t, was the closing price of Chill bars, sell-rs.

Mesers, Viviax, Younger, and Bonn—Copper: The improvement noticed at

would require more space that can be spared here: 7%, was the closing price of Chili bars, selers.

Messrs, Viviax, Younger, and Bonn—Copper: The improvement noticed at the close of our last circular has been maintained, and altegether the trade have been considerable purchasers of Chili bars up to 7% for named brands. Three cargoes of regulus were also taken over at 18%, her unit the day after the Swansea Ticketing, which had averaged 15x, 54, with Cape ores 15x, 54, for 30½ per cent. Australian sorts have not shared much in the advance, and sales of Wallarco cake are reported at 84, to 84, 5x, Burra 850, to 82, 10x, and various brands at 82, to 83, as in quality. At the official rates of 92, for strong she ts, and tough and best selected 55, to 57, respectively, there is at present little doing, and transections have taken place 26x, to 4x, below list prices.—Thy: Foreign has been more freely offered, and Straits has sold down to 71x, 6d, sopt, and 71x, forward delivery. Australian at 71x, 6d, to 71x. The shipments from Singapore and Penang during the first half of April to England are telegraphed as 20 tons Straits by steamer, and 10 tons by saling vessel. The market closes dull. English unchanged at 77x, for common ingot.—The The Tax: There is a decided by better general demand, and at the recent decline buyers would take large quantities. The market, however, is slowly hardening, with steadier prices all round.

The Easter holidays have somewhat interfered with business in the MINING SHARE MARKET, which continues dull, with prices for the most part merely nominal.

Transactionshave taken place in East Van, Roman Gravels, Tankerville, Glyn, North Laxey, Rookhope, Great Laxey, Parys Mountain, Pateley Bridge, Wheal Crebor, Van Consols, West Tankerville, Wheal Grenville, and a few other mines.

At the Cornish Ticketing, on Thursday, the standard for copper ores declined 12.2s. The ores sold, 3168 tons, realised 13,624.14s., an average of 44.6s. per ton.

Van, 38 to 40; Great Laxey, 17½ to 18, ex div.; East Van, 8½ to 9½, and firmer. Roman Gravels, 13 to 14; the shaft is down 4 fins. 4 it, below the 95, in favourable ground. The 95 north has improved from 154. to 304, per fathom. The 95 south is worth 454, per fathom. Tankerville, 11 to 11½; the 167, west of Watson's shaft, is in a lode 5 ft, wide, and worth 1004, per fathom. The sale of lead ore for the month, 150 tons, realised 154, 0s. 64, per ton.

West Tankerville, 1½ to 2½; the 63 south is worth 3 tons of lead ore server.

month, 150 tons, realised 15l, 0s. 6d. per ton.

West Tankerville,  $1\frac{1}{8}$  to  $2\frac{1}{8}$ ; the 63 south is worth 3 tons of lead ore per fathom. The south boundary shaft is completed to the 75. Pennerley, 2 to  $2\frac{1}{8}$ ; a stope in back of the 120 east is worth 3 tons of lead ore per fathom; ditto west, 3 tons; the winze and stope below the 75. 2 tons. Patelog Reiden, 5 to  $5\frac{1}{8}$  in the south cross-cut, in lead ore per fathom; ditto west, 3 tons; the winze and stope below the 75, 3 tons. Pateley Bridge, 5 to 5½; in the south cross-cut, in the 10, the Lumb vein is worth 1½ ton of lead ore per fathom; the Gulf vein 24 cwts. The shaft sinking in Sun vein is down 11 fms. 5 ft. below the 20, and worth 11L per fathom. The stope in back is worth 17L per fathom. West Pateley, 5½ to 5½; Rookhope, 1 to 1½ worth 17L per fathom. Uset Pateley, 5½ to 5½; Rookhope, 1 to 13½ and enquired for. Ladywell, 1 to 1½; Plynlimmon, 11s. to 13×; West Craven Moor, 11 to 11½; West Assheton, 1½ to 2½; Assheton, 1½ to 1½; Glyn, 4½ to 5; Van Consols, 2½ to 2½. North Laxey, ½ to 1½; the 30 tons of lead ore sold at 16L 2×, 61. The lode at the shaft has improved, and the 85 looking better.

West Chiverton, 19 to 20; the accounts to be presented to the meeting on Wednesday for the four months ending Feb. 26, show a

meeting on Wednesday for the four months ending Feb. 26, show a balance in hand of 9481. 12s. 10d.—a profit in four months of 13981. 9s. 6d., and assets over liabilities 19291. 12s. 1d. In the cash 1393. 93. 64., and assets over habilities 1923. 12. 16. In the cash accounts the ores and blende sold realised 11,5104.; costs,5029. 1s. 64.; merchants, 3772. 6s. 24.; dividend paid, 1860. 15s.; committee, 300. The balance accounts show—balance last account, 240%, 2s. 7d.; profit on four months, 1398. 9s. 64.; total, 3804. 12s.; less dividend, 10s. per share, and bonus 2s. 6d. paid on December 16, 1875 = 1875t., leaving present balance of 1923. 12s. 1d. The amount paid for tut-

work during the four months was 1393/, 2s.; tribute, 1153/16, Carn Brea, 28 to 30; Cook's Kitchen, 2½ to 3; Dolcoath, 33 to 35; Ent Pool, 13 to 13½; Gawton, § to §. Hingston Down, § to 13½; Gawton, § to §. Hingston Down, § to 13½; South Carden, § to §. Hingston Down, § to 13½; South Carden Carn Brea, 1½ to 13½; South Carden Carnen Carne

200,000l, Chapel House, 31 to 31.

The Market for Mine Shares on the Stock Exchange during the

The Market for Mine Shares on the Stock Exchange during the week has been irregular; in the earlier part business was necessarily restricted by the holidays, and the absence of many of the principal dealers; but later on the somewhat exceptional, yet absolutely necessary, step adopted by the Bank Court of reducing the minimum rate of interest from 3 to 2 per cent, stimulated activity, strengthening the disposition to general improvement and advancing values.

Nevada Mines during 1875 official statistics just to hand show yielded gold to the value of \$17,125,509, and silver \$23351,809, equal to \$40,478,379, or 8,995,6500, the total produce of the Sutes and Territories west of the Missouri during the same period amounting to \$76,703,417, or (say) 15,000,0000, to this may be added \$4,185,624 as the produce of Mexico. From an unfortunate cause, the produce of the Nevada Mines during 1875—great as it wasfell short of the sum to which it would otherwise have attained. In October a fire swept over Virginia City, destroying the costly hoisting works on the great bonanza mines; the yield of the Cosolidated Virginia Mine during August, September, and the first 25 days of October was \$5,282,700, or at the rate of \$61,426 per day, but from the date of the fire until Nov. 30 it amounted to only \$13,000 from ore on hand, while during December the sum had risen to \$1,000,000. In about 30 days after the fire new and more powerful hoisting works were ready to commence operations, both on the Cosolidated Virginia and the Onlyr Mines. If the fact is powerful hoisting works were ready to commence operation, but on the Consolidated Virginia and the Ophir Mines. If the fact is kept in view that massive castings had to be procured from a distance, that solid foundations of anchor-bolted masonry had to be laid, that heavy snowstorms of an exposed mountain slope 6090ft above the sea had to be encountered, and that all building material had to be ordered from the surrounding country, the feat of rehulding in a few days over a month the largest and most effective had to be ordered from the surrounding country, the feat of rebuilding in a few days over a month the largest and most effective mining machinery in the world is deserving of high commendation. Between the fire and the close of the year the bullion produce of the Consolidated Virginia was less by \$3,500,000 than it would have been had no calamity occurred, and the yield of the Ophir Mine was reduced by at least \$500,000. The average yield of the Consolidated Virginia ore in 1875 was nearly \$100 per ton, but of this 40 to 50 per cent, was gold; so that the Constock loss should be as celebrated for its auriferous wealth as for its argentiferous treasures. In a single year it has yielded 170,000 tons of ore, worth \$42 per ton in pure gold. Curious somewhat is the fast that in 1875 the silver State of Nevada produced more gold than the golden State of California, the respective amounts being \$16,833,525 and \$17,126,509, and more than all the other Pacific States and Territories combined by \$1,922,451. It is generally admitted that, however large and steadily increasing may be the produce of the Nevada Mines, the yield of gold in California would be greatly augmented if its quartz lodes were receiving the attention of capitalists; but so over-shadowing is the silver mining interst of capitalists; but so over-shadowing is the silver mining intere comparatively little attention is given to any other kind of

Exchequer and I.X.L. have been again the mines most persistently ealt in among foreign descriptions, and large transactions continue to take place at improving quotations. Upon the week Exchequer have risen from 1½, 1½, 10½, 3, closing firm. The mill was successfully started on March 27, and the result of the first run is awaited with much interest. The latest advices state that the spur of the ledge matter continues and widens in the bottom. Stoping has been commenced at the 300 ft. level, 30 ft. north from cross-cut. been commenced at the 300 ft level, 30 ft. north from cross-cutbeen commenced at the 300 ft level, 30 ft. north from cross-cutfrom the 40 winze is 28 ft. long, still in lode, and no hanging wall.
At 32 ft. quartz was struck, showing free gold. I.X.L. has also
been in demand, closing I to 1½; this mine, with the same direction
and under the same management as the Exchequer, consists of 4510
linear feet of gold and silver-bearing lode in the same canyon as the
Exchequer, but at a lower point. The main shaft has been suck
210 ft., and by a cross-cut of 105 ft., striking the I.X.L. main lode,
which has been drifted upon north to within 200 ft. of the rich
be manza stated to be about 1000 ft. below the surface. At this level
short drifts have been run on the Ophir and Express lodes, as well
as south upon the I.X.L. lode, all tending to establish the value
of the property. The company also possesses an excellent mill
site, with ample water-power for a steam-mill of any capacity.
Condes, of Chili, 6½ to 7; subsequent to the special inspection of Mr.
Noah Coward, a communication has been received announcing that
the lode in the bottom of the principal mine (the Isolina) has undergone a most important change, the ore yielding 110 ozs. silver and
62 per cent, lead per ton, the lode being 3 to 4 ft. wide, with soft
ground. The workings at the other mines improve notably, and the
capating wites. "If the sample of the smalls give the ley, I antici-

The workings at the other mines improve notably. captain writes, "If the sample of the smalls give the lay, I anticipate to be able to send forward a remittance of ores of far superior ley to what the Isolina is supposed to give; the pile of ore increases

with e

with extraordinary rapidity, and all the troops you can send will with extraordinary rapidity, and all the troops you can send will be the search of the account of expenditumake a small impression." According to the account of expenditumake a small impression." According to the account of each troop of the satisfactority, and the manager states the property "has so increased in value during the last month that the company ought to creased in value during the last month that the company ought to reased in value during the last month that the company ought to reased in value during the last month that the company ought to reased in value during the last month that the company ought to reased the last state of the company of the last state of last state

my's business will be when once in full operation, whether as gards quantity, quality, or cost.
Van, 38½ to 40½; there is no particular alteration at the mine, atters are progressing as usual, and the regular four-weekly saming will take place next week. East Van have fluctuated, but use firmer at 9 to 9½; the latest official report states that Tempest at it in good course of sinking; the 25 fathom level is extended fins, west of cross-cut Λ; there are 8 fins, more to drive to get queste the slaft, where it is intended to cross to prove the lode, oldso south to get under the shaft; there are as many men at this joint as possible; cross-cut B is being pushed on with two men, and cosional stones of ore are met with; a feeder of water was tapped a Tuesday; the ground in the present end is congenial for lead e. The manager adds:—

tes from shareholders in all parts of the kingdom, to here, and cross-cut there, &c. Myanswer to all is it he new shaft is through to the 25, and we have as eventilather will allow. As many of the shareholders os cut A is 24s fms, west of engine shaft, and we are cay the ventilatien in place, &c. We can do nothing sense of having about 350 fms. of well-jointed zine disson he slown it would only be throwing money rould exercise a little patience until we get this shaft wenter mext I believe they will be well paid, and I to important discoveries (in addition to what we alm who are now at Lock. two important discoveri

5 to  $5\frac{1}{2}$ ; Lumb vein, in the south cross-cut at the ton lead per fathom. Gulf vein is of the same value, non. The ground in the cross-cut towards Fielding's ting a very encouraging appearance. Pringap vein ng. The shaft on the San vein under Gillfield level ton lead per fathom. is presenting a very encouraging appearance. Pringap vein so improving. The shaft on the San vein under Gillfield level own nearly 12 fathoms, and in the bottom the lode is worth per fathom. The preparations for commencing the sinking of engine-shaft are almost completed, and the men will start sink-on Tuesday next. West Pateley Bridge, 5\(\frac{1}{2}\) to \(\frac{3}{2}\). West Wye, 4\(\frac{1}{2}\); the steel ore in the 26 fm. level is worth 2 tons to the om. Wye, 6\(\frac{1}{2}\) to 7; all points looking well. Grogwinion, 5 to West Gogiman, 2 to 2\(\frac{1}{2}\); the mine is improving in the deeper is. Limitlees, 3\(\frac{1}{2}\) to \(\frac{3}{2}\).

wels. Llanidloes, 3½ to ¾.

Dyliffe, 4½ to 5; an improvement is reported in driving the bot on level on the lode. The last sale of lead ore, we are told, left a onsiderable profit. Van Consols, 2¾ to 2½; all work progressing eith regularity. Glyn, 4½ to 4½; the 15 east continues in good earse of lead. The wince under the same is sinking in rich lead, ad lead is now making its appearace in the 15 west. Pennerley, ito 2½; there is not any change reported from the mine this week, lessope in the back of the 120 east is producing 3 tons of lead per dibon; western stope 2 tons of lead per fathom. At Potter's Pit he bargains are making fair progress, and returning ore as for one time past.

rest I of

s the sunk lode,

rich level well alue mill

Mr.

istrathal, 8s. 61. to 10s. 6d.; Cathedral (new issue), 30s. to il; the operations at the mine are being considerably extended, that ample capital has been subscribed. The two bottom ends mue in a good course of copper ore, and an important improvements taken place in the 10 east. Great West Van. 10s. to 15s.; Foss-cuts to the main lode are progressing with regularity.

the main lode are progressing with regularity.
the closing quotations—
; Carn Brea, 28 to 39; Delecath, 32 to 34; East Caradon,
d, 2 to 3; East Yun, 8½ 9½; Great Laxey, 1½ to 18; Great
pasten Down ½ to 3; Marke Valley, 1½ to 2; Tathee Pridge,
contain, 52 to 5½; Pennerley, 1% to 2½; Penstruthal, 5-16ths
Gravels, 139 to 13½; Tankerville, 10½ to 11; Tincreft, 71 to
5; West Assluton, 1½ to 2; Massed, 4 to 4½; West Chi6; West Assluton, 1½ to 2; West Tankerville, 1½ to 2;
to 1½; Almada and Tirtle, 1½ to 2; West Tankerville,
to 1½; Coforato Terrible, 1½ to 2; Condes of Chill, 6½ to 7;
to 1½; Coforato Terrible, 1½ to 2; Condes of Chill, 6½ to 7;
5; Elserhurdt and Aurora, 75% to 75%; Emma, 1½ to 1½;
3; Javal, 6 tolish to 7 feths; Last Chinec, 5½ to 5; New Que5; San Pedro, 2 to 2½; South Aurora, 7-16ths to 9 leiths;
to 5½; Teoma, 1½ to 5%; United Mexican, 2½ to 3; West
Great West Van, 3% to 5%; Port Nigel, 1 to 1½;

—More than an increased business and consequent

Collieries,—More than an increased business and consequent amness in the shares of the Chapel House Colliery, which close at to 35, there is little to report this week of the colliery share last. The new pits are being continued as quickly as possible, active that the business of the colliery is of a most satisfactory character, that, activitistanding the low price of coal, satisfactory profits continue to be taked. The colliery is being werked full time to use of coal satisfactory profits continue to be taked. The colliery is being werked full time to use coal being raised as ever,

with extraordinary rapidity, and all the troops you can send will but make a small impression." According to the account of expendibut make a small impression." According to the account of expendibut make a small impression." According to the account of expendibut make a small impression." According to the account of expendibut make a small impression. The cost of each ton of expendibut make a small impression. The cost of each ton of expendibut make a small impression. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling per ton. Everything is going traction has not been over 1t, sterling has not been succeeded by higher prices than not trace, 95 over 1t, sterling has not been succeeded by higher prices than an over 1t, sterling has not been succeeded by higher prices than the exportation of the exportation of

At the Truro Ticketing, on Thursday, 3168 tons of copper ore were sold, realising 13,624l. 14s. 0d. The particulars of the sale were—Average standard, 113l. 4s.; average produce, 6½; average price per

Average staindard, 1703. 48.; Average produce, 57; Average price per ton 44.68.0d.; quantity of fine copper, 197 tons 7 cwts. The following are the particulars:—

Date. Tons. Standard. Produce. Per ton. Per unit. Orecopper. March 23 3456. £112 7 0 ... 636. £4 8 6 ... 138.10d. £69 4 0 April 6. 1772 ... 112 15 0 ... 646 4 6 6 ... 13 9½ 68 17 6 April 30. 3168 ... 113 4 0 ... 651 4 6 0 ... 13 9½ 69 1 0 Compared with the last sale, the decline has been in the standard 11.28. and in the price per ton of ore short 18 6%. 11.2s., and in the price per ton of ore about 1s. 6d.

EXPORTS OF COAL.—By the Monthly Circular of Messrs. Higginson, of Liverpool, we learn the quantity of coal exported in March was 972,633 tons, against 844,016 tons in the corresponding month of 1875, showing an increase of 123 617 tons. The particulars are—From the Northern Ports, 478,909 tons; Yorkshire, 60,782 tons; London, 6889 tons; Liverpool, 57,325 tons; Severn Ports, 273,925 tons; and Scotch Ports, 94,803 tons. The increase was—Northern Ports, 76,070 tons; Yorkshire, 9707 tons; London, 3125 tons; Severn Ports, 55,573 tons. The decrease—Liverpool, 4128 tons; Scotch Ports, 11,730 tons. Total, Jan. to March, 1876, 2,809,189 tons; Jan. to March, 1875, 2,261,815 tons.

HALIFAX.—April 201 The following quotations are from Mr. J. H. Thackrah's list:—Halifax and Huddersfield Union Bank, 29½; Halifax Joint Stock Bank, 29; Halifax Commercial Bunk, 24½; London and Yorkshire Bank, 27s. 3d.; John Crossley's, 13½; Whitworth and Co., 8½, ex div. Elland Gas, 20; Rastrick Gas, 18½; Bradford Brick and Tile, A, 21; ditto B, 7½; Charlestown Brick and Tile, 9½; Ripponden Commercial, 11½; Hebden Bridge Cotton, 10½; Yorkshire Boiler Insurance Company, 22s. 6d.; Norton Brethers, 7½.

Insurance Company, 22s. 6d.; Norton Brothers, 173.

MOUNTAIN CHIEF MINING COMPANY OF UTAH (Limited),—The creditors of this company are required to send the purticulars of their claims to Mr. David Parry, of Philipot-lane, the official liquidator of the company. Saturday, July 1, is appointed for hearing and adjudicating upon the debts and claims at the chambers of Sir R. Malins, Stone Buildings, Lincoln's Inn.

NEW SOUTH WALES QUICKSILVER MINING COMPANY (Limited),—The creditors of this company are required to send the particulars of their debts or claims to Mr. George 6 M icl. the liquidator, at the offices of the company.

HOCKLEY HALL COLLERIES (Limited).—A petition for winding-up this company by the High Court of Justice has been presented to the said High Court of Justice by Anne Eliza Quin, of York place, Portman-square.

THE MELLANEAR COPPER MINE COMPANY (Limited).—We are glad to find that a company has been registered under this title for the purpose of working the Mellanear Mine. The Memorandum of Association has been signed by the following well-known gentlemen, who each subscribe for a considerable stake in the adventure:—Messrs. John Taylor, 250 shares; Richard Taylor, 250 shares; John Wild (director of the Cape Copper Company), 100 shares; R. Herreage Taylor, 50 shares; Samuel John Wilde, barrister-at-law, 150 shares; John Haye (purser of West Wheal Tolgus), 100 shares; and Percival Taylor, 25 shares.

TANKERVILLE.—The 167 west is worth 1002 per fathom, and five

TANKERVILLE.—The 167 west is worth 100*l*. per fathom, and five stopes in this level worth respectively 45*l*., 60*l*., 30*l*., 150*l*., and 80*l*. per fathom. There are two stopes in the 142 worth 15*l*. and 30*l*. per fathom. The 130 West is worth 37*l*. per fathom. The stope in the 100 fathom level is worth 30*l*. The 92 west, 20*l*.; stope in the 82 east, 25*l*., and in the 74 west, 15*l*. per fathom. The 150 tons of lead ore for the month sold on Thursday for 2285*l*.

West Tankerville.—The new levels at the 75 have been commenced in a strong orey lode, and in a few fathoms driving will be into the south run of ore. The 63 end is worth 50\(\chi\) per fathom; —No. 1 stope in this level, 30\(\chi\) per fathom; No. 2 stope. 30\(\chi\). The 50 end about 15\(\chi\), per fathom; No. 1 stope in this level, 25\(\chi\), No. 2 stope, 15\(\chi\), is and stope in the 46, 30\(\chi\), per fathom. There have been sold for the month 25 tons of lead ore for 382\(\chi\), 10s.

NORTH LAXEY.—There have been sold this week another 30 tons of lead ore, at 164. 2s. 6d. per ton. A telegram has been received stating "North Laxey lode in shaft 3 feet wide, with more lead, blende, and copper than we have had for some time; also a slight improvement in 84 end," The 136 fathom level will be reached this month.

PLYNLIMMON.—The 24 east has improved in value from 1 ton of lead ore per fathom to full 1½ ton per fathom; the bottom of the level being worth 3 tons per fathom. The agent states "It is a splendid looking lode." The new shaft will soon be down to a deeper level.

WEST MILWR.—Mr. J. II. Tilly, the secretary, writes—On the 5th inst. I was underground at this mine, and broke a specimen of the gossan from the bottom of the sump which since my return has been assayed by Mr. Claudet, and gives 1·10 per cent. of lead.

WEST ESGAIR LLE. - We understand that this mine has lately improved very much in one or two places, but as there is not sufficient capital to properly develope the mine, the directors intend recommending a reconstruction of the company, when they appear to have no doubt dividends may be soon paid.

no doubt dividends may be soon paid.

THARSIS COPPER COMPANY.—The annual meeting of shareholders was held in Glasgow, on Thursday, when Mr. Charles Tennent (the Chairman) said the sanguine expectations regarding the last year were fully realised. Profit 278,0000, against 15,0000, less in previous year. This result was due to lower costs, increased production, and better prices for copper. Capital account closed in Spain. A dividend of 22½ per cent. was declared. The proposal to divide the stock into preferred and deferred stock was rejected by a large majority. Our Scotch Correspondent gives in another column full details of the position and prospects of the company, and we shall give some additional particulars next week.

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A GENTLEMAN (aged 35) is OPEN to an ENGAGEMENT in the ENGINEE ING PROFESSION. Has a thorough practical knowledge of Railway and Dock Works. References can be given to the leading engineers of

the day.
Address, "A. B.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

A NEWLY-DISCOVERED LODE.

THE ABOVE is near LLANGYNOG, OSWESTRY, in a MINERAL GROUND. It is to be seen on the surface for about 20 fathoms, and can be worked at very little expense. A party of working men have it in hand now, and it can be had on easy terms. A good chance for a gentleman or gentlemen with little capital.

For further particulars, apply to THOMAS MEREDITH, Miner, Llangynog, near

CHINA-CLAY.

THE ADVERTISER has ONE HUNDRED ACRES OF RICH CHINA-CLAY DEPOSIT, and WISHES to MEET with a GENTLEMAN who would JOIN in FORMING a COMPANY to develope the same, or a private person. Only a small capital required. It is near a railway and shipping port. All particulars by applying to "B.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

THE ADVERTISER having devoted last summer to prospecting certain lands in AMERICA, and found gold in different places, intends RETURNING to same next month, to commence operations, which he fully believes will prove a decided success; he would like to find an ENERGETIC MAN, with small capital, to JOIN HIM.

For particulars, address "Prospect," Post Office, Bristol.

M R. R. PERCYROBERTS, FINANCIAL AGENT, 60, ENGLISH STREET, CARLISLE.

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## Notices to Correspondents.

Much inconvenience having arisen in consequence of several of the Numbe during the past year being out of print, we recommend that the Journal share be sied on receipt; it then forms an accumulating useful work of reference.

Sir.—Cin any reader give me some information about the Blinman Consolidated Copper Mining Company of South Australia? I have not seen anything about it for nearly two years, and have written to the office, but received no answer.—B. H. Y.: Hulfox, April 11.

Copper Muling Company of South Australia? I have not seen anything it for nearly two years, and have written to the office, but received no answer.—B. H. Y.: Hulfer, April 11.

Copper Quotations—"H. R. M.," and others.—It was by a clerical error that Chill bas were quoted \$2! in the Price Current in last week's Journal; it was, however, stated in the "Remarks" beneath it, referring to copper, that—"The closing quotations for Chill bars at which business has been done is 78!, and prices come strong from Liverpool," &c.

Minng in Italy—"L. A." (Arenzano, Genova).—As we never interfere in any business connected with the buying and selling of mining properties, we are unable to entertain your proposition. Your best course will be to apply to a mining broker, the names and addresses of many of whom will be found on the front page of the Journal. Co operation might also be obtained by advertising, the cost of which will depend upon the nature of the announcement. As to the properties themselves, we will publish, without charge, descriptive notice explaining character and facilities for exploitation upon being farnished with the necessary particulars.

Calorice Ergoines—"R. A." (Dulwich).—Several of Roper's engines were sold and set to work in London, and are probably still working. One was to be seen at the office of Mr. P. Dangertield, littographer, of Bedford street, Strand. It seemed to work well, but the room in which it was used soon became insufferally hot. This, however, would appear to be an easily remedied difficulty, as the engine could readily be enclosed in a casing, and the hot-air carried off by a pipe after it has done it swork.

Sewing Machines Motor—"W. M." (Leeds).—A small engine, with boiler, heated by gas, has long been sold in London for working sewing machines, but it has not come much into favour owing to its cost (74. or 8%), and the trouble attending its use. The engine itself is a very simple affair, the speed being regulated by a very sensitive cock between the boiler and engine, and un fer

—"Shureholder" (West Chiverton) should acted the determination of the ress his views. We could not publish the letter without his made "Xeno;" Next week —"B.S." (Maidanpek)—"W.T." (But eek—"C.H.G." (St. Agnes Consols); See a paragraph in another

## THE MINING JOURNAL,

Railway and Commercial Gazette.

LONDON, APRIL 22, 1876.

THE PROSPECTS OF THE CLEVELAND IRON TRADE.

THE PROSPECTS OF THE CLEVELAND IRON TRADE.

We have now arrived at a time in the year when with some show of feasibility the prospects of the Cleveland iron trade may be, in a measure, estimated. In the spring there are usually orders placed which largely affect the amount of crude iron to be sold, and there are generally contracts taken on which much of the available power of production of finished iron depends for employment. It is now no secret in Cleveland that, so far as the latter are concerned, they are disappointing both in number and extent, but the same cannot be so fully said of the orders for pig-iron. There has been, however, for some time a steady increase of stocks of crude iron in the hands of makers, especially in the Middlesborough district, until the totals for the whole of the Cleveland masters' district have now reached more than 100,000 tons. But of this it may, in passing, be noticed that the makers within the limits of the Middlesborough Chamber of Commerce bold about one-half, and they have begun to ship larger quantities. The make of pig-iron has probably reached its present maximum—the amount made in the month of March being no less than 183,879 tons—but four or five furnaces for repairs in the Middlesborough district will lessen the amount now being made, and with the increased shipments will tend towards a reduction of stocks, though this will scarcely be apparent this month, owing to the occurrence of holidays, and the consequential laying off of forges. But the increased amount of iron sent out of the district foreign, and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Geveland by iron and to other home centres where low-priced Gevelan the increased amount of iron sent out of the district foreign, and to other home centres where low-priced Cievelant pig-iron always com-mands a sale, show that the movement has commenced, and a re-duction of stocks in the Cleveland district will ensue, which may out one or other of the inevitable consequences of reduced Either the production will be stimulated to an extent be re-lighting of some of the 50 furnaces in the district now out of blast-many of which are closed for other reasons than for re out of blast—many of which are closed for other reasons than for repairs—or it will cause a stiffening and an increase of prices with a diminished demand. There is little or no probability of reduced rates for pig-iron in Cleveland. The demand, as we have seen, is increased, and this partly preclades reduction, and there is no likelihood of any appreciable reduction in the cost of production. There is no prospect of lessened cost of the raw ore, and if any reduction ensues in the wages of blast-furnace men, it will be limited in amount a probability will any further fall in the price of each or code so that ensues in the wages of blast-furnace men, it will be limited in amount as probably will any further fall in the price of coal or coke, so that any reduced cost in the price of raw materials will only influence ironmaking by granting some relief to ironmakers; and it is felt that the present prices of pig-iron are sufficiently low to make the purchase of pigs remunerative as a speculation, it being known that some makers cannot make them except at a loss, whilst others more favourably situated make a bare profit only. But as present tendencies are in favour of makers, it is probable that we shall see little reduction in the make of iron, that prices will tend in favour of ironmakers, and that if there were a better local demand a larger use would be made of the productive power at present idle.

ironmakers, and that if there were a better local demand a larger use would be made of the productive power at present idle. There is at present a good demand for pig-iron for foundry purposes, which will probably continue for some time. The tube and pipe works are especially busy with contracts for local gas and water extensions, long rendered necessary by the growth of the district, and for general casting purposes there is still a fair demand. At the forges increasing dulness prevails. The manufacture of ruils has fallen down to its minimum, the amount of rails made in the three months ending this year having been only 38,000 tons, at mills making a year or so ago double that quantity, whilst, at the same time, the amount of plates, bars, and angles has not materially varied. It is, then, to the declension in the rail trule that the present extreme dulness in the finished from trade is traceable almost completely; and as there is now increased competition with the Welsh makers, and as there is (in spite of the deterioration in the quality of steel and as there is (in spite of the deterioration in the quality of steel rails) an increased use of the latter, in no way lessened by the lower prices at which they are now supplied, the prospects of the Claveland rail makers are far from good. What may be the effect of Mr. I. LOWTHIAN BELL'S experiments and attempts to make "steelifief" rails from Cleveland metal it is doubtful to say, but it is tolerably rails from Cieveland metal it is doubtful to say, but it is tolerably certain that the ordinary iron rails, even at present prices, are at a disc unt when compared with steel rails; and thus some of the largest rail mills in the Cieveland district are entirely closed, whilst others work litfully and partially. At the plate mills there is generally work sufficient in hand, but orders now fall in slowly, and increasing fears are felt that this class of work will be scarce unless there is greater animation in the freight market to induce orders for new vessels; and although inerchantiron is in some parts in fair sels; and although merchantiron is in some parts in fair forms only a small proportion of the finished iron made for new vessers; and atmough merchantiron is in some parts in lair demand, it forms only a small proportion of the finished iron made in Cleveland, whilst the angle iron trade is affected by the same causes as those affecting plates both for shipping and boilers. Altogether the prospect for the makers of finished iron is at present an examinate dail of the control of the makers.

edingly dull one. Although there is at least a belief arising that the lowest depth of Autough there is at least a belief arising that the lowest depth of the depression has been reached, and that surely, if very slowly, there are arising the signs of the dawning of a better and brighter day. How far that belief is well founded time only will show, but it is at least held by some whose judgment is considered reliable. There are various causes which might accelerate the approach of increased are various con-es which might acceterate the approach of increased briskness in trade; and so far as is observable there are few probable retarders. Until, however, the notice which has been given on be-half of the ironworkers of a claim for a revised scale of wages is settled, it will be more than ordinarily difficult to forecast the position; but when a settlement in this respect has been come to we

may witness a state of affairs in the finished iron trade more like that of normal times, for with wages low comparatively, cheap raw material and fuel, the future should not be so gloomy as at present. There are large railway extensions in progress and in contemplation at home—especially in the North—and abroad, and these should give to the prospects of the iron trade a little roseate colonging. And as there is a large amount of wear and tear on lines opened always in progress, and as it is probable that orders placed for a few months have been under the usual requirements, we should be accumulating wants until it is thought that the lowest price has been reached, which now can scarcely be far distant. When these orders thus accumulating begin to be given out the rail mills of the North may be again commenced; and as some of our continental customers are beginning again to order—in however limited quantities—and as the iron industries of France and Belgium are feeling a revival of trade, we may fairly expect that it will shortly extend to our own shores.

#### THE COLLIERY DIFFICULTIES IN SOUTH YORKSHIRE AND DERBYSRIRE.

AND DERBYSRIRE.

It is a melancholy picture which is being painted in South Yorkshire and North Derbyshire by the miners. The resistance they are making to the indispensable requirements of their employers is, to say the least, dispiriting. We had hoped that men who had been privileged above their fellows with the amount of work which they have lately been doing would have been prepared to unite with something like cordiality in the efforts which their masters have found it necessary to take in order to get orders for themselves and work for the operatives. It cannot be denied that the colliers in the districts now at unrest have been provided with more work, and during a longer time, throughout the current depression, than those in most other colliery districts in the kingdom. Their masters deserved better treatment at the hands of the men than they are now receiving. From the readiness with which the colliery owners of receiving. From the readiness with which the colliery owners of the combined district mentioned have hitherto been paying their men the highest possible wages, the latter should have been prompt men the highest possible wages, the latter should have been prompt to infer that a reduction of any kind, much less an undue reduction, would not have been declared; and that when it was declared it had been delayed to the utmost limits compatible with the good of either employed or employer. When in such a case we find men asking that terms altogether impracticable shall be acceded to by the colliery owners we are discouraged in the expectation that our miners, either by their past success or by their Unions, have learnt that consideration which should distinguish men who call so loudly to be recognised as easily with their supplement; in intalligance and to be recognised as equal with their employers in intelligence and forethought.

Happily there are some of their number who are not so unreason.

Happity there are some of their number who are not so unreasonable, but those who display a different temper are only a very small minority. But for the fear they have of the obstructionists that minority would nevertheless be more numerous, for there are many men working in the collieries of Yorkshire and Derbyshire who have such knowledge of their masters and of the circumstances surrounding their common industry as would make them ready to offer in considerable numbers to accept the inevitable without being driven to these ruinears reasonables. driven to those ruinous resources to which the majority are now re sorting. Besides, there are more men than are now confessing it, whose personal experience, and whose reading, have long ago convinced them that few struggles to uphold wages in a falling market are attended with success. If the Union leaders had done their duty by these South Yorkshire and North Derbyshire men they would have taken more pains to instruct them in the elementary principles of polltical economy, and have displayed less concern to uphold the

of political economy, and have displayed less concern to uphold the noisy bulk in their unintelligent claims of the assumed "rights of labeur," as compared with those of capital.

The result is fast appearing. Unless there is more moderation displayed by men and leaders alike there will be a considerable expenditure of good money in a hopeless cause, faith in the Union will be lost, and its strength will be very greatly diminished. The leaders must begin to set their house in order. For the end is leaders must begin to set their house in order. For the end is not yet. We have not passed through all our difficulties. Every pound of the Union funds will be needed for better purposes than those to which they are now being devoted before the business of those to which they are now being devoted before the business of the country at the pits and the ironworks has regained a state of prosperity. We do not charge the leaders with countenancing illegalities, and do not believe that they would countenance them; but if earlier the rank and file had been better taught there would not have been the necessity for the prosecutions which have recently taken place. The magistrates did their duty in the interest of public order, and the employers of the men assailed did their duty in not discouraging steps which their injured men took in calling in magisterial help. The rights of the men who are willing to work should be regarded as sacred by all, and we cannot but think that the acts of violence which have disgraced the strike in the past few days accurately presage an early collapse of the opposition. days accurately presage an early collapse of the opposition.

### MONEY AND IRON.

It must be apparent to the dullest observer that a very great revolution has been wrought in the London money market during the last six months. In the first week of October, 1875, the Ottoman Porte published an iradé, by which it was announced that only half the coupons and drawn bonds of the public debt of Tarkey would be paid in cash for a term of five years, payment being promised of the remaining half in new 5 per cent. stock. The full significance of this measure was scarcely appreciated at first by the outside public, who assumed that the disaster was at the most only local in its effects and character; and that although the iradé might cut the remaining half in new 9 per cents above of this measure was carreely appreciated at first by the outside public, who assumed that the disaster was at the most only local in its effects and character; and that although the iradé might cut down the 6 per cent. of the Turkish bondholders to (say) 39 per cent. the creditors of Turkey were, after all, more frightened than hurt, and that they would not fare so very bally—especially for a short five years—upon their amended incomes. This reasoning might have held good if Turkey had kept to the new engagements which she voluntarily assumed just six months since. But Turkey has failed to meet with punctuality even the half-interest which is not punctually paid is not really paid at all. Since October, 1875, it has been conclusively proved that Turkey is not only a prey to inherent social weakness, but that she is also one more in danger of something very like political disintegration, and this time without its being probable that she will receive any farther meterial assistance of importance from either England or France. The immediate r sult has been that the notorious irude of October, 1875, has come to be regarded as worth little more than waste paper, and the nominally 6 per cent. 1004 bonds of Turkey have actually changed hands during the bast few days at 134, or 144, each. Moreover, the Turkish disaster has proved to be far more than the local evil which it was at first supposed to be. So far from its being local in its character, the evil example of Turkey has exercised an unhappily contagious influence, and the bonds of Peru a 'though once in gool repute, have fallen almost to zero, while the securities of Spain or Egypt may be had for five or six years' purchase. The list of defaulting States which have succeeded in fleechance in the control of the output serious distributions of the output would necessarily ensue. With receive this question the Saxon Statistical Bureau has just public less which have succeeded in fleechance of the control of the control of

and it is possible that it will lengthen still further before 1876 has run what appears likely to be its gloomy course. The world's industry is guided and controlled by the London money market, and there can be no doubt that the events to which we have market, and there can os no quote that the events to which we have been directing attention must have a considerable influence upon the future course of the iron trade of this country. This influence is, in lead, being exerted already. The utter inability of the more dubtful foreign Governments to raise more loans is making them very economical, and they are avoiding all heavy commitments or guarantees. Until Peru, for instance, can recover her credit, she has little chance of carrying on valleys extensions with any sixty and the property of the country o guarantees. Until Feru, for instance, can recover her create, she has little chance of carrying on railway extensions with any vigour, and the same most, we fear, be also said of Egypt. As for Turkey, her the same most, we tear, be also said of Egypt. As for turely, nor railway guarantees are now about as good as her national credit, and the work of railway extension must for many years to come advance very slowly in the still only half civilised territories of the

ment of capital, or rather to a very great diversion of capital, present generation will not lend very freely again to South Ams Republics; but there is no reason why British capital short consequence of the recent course of financial affairs, be bear consequence of the recent course of financial affairs, be bear consequence. consequence of the recent course many may profitably go-a miserly unfruitful fashion. Our money may profitably go-bably will profitably go—into the leading British colonies, cially into Australia and New Zealand. The last named in cially into Australia and New Zealand. The last-named intensing group of settlements has made slow progress hitherto, but its mein are now beginning to be more justly understood and appreciate and population and capital seem likely to flow into them much freely in consequence. This being the case, we may expect witness a steady prosecution of Australasian railways; and sate iron manufacture of the Antipodean settlements has reached at pasent a very imperfect stage of developement, there would seem be a fair prospect of a continuance of a reasonably good demunity our iron on the other side of the world. In India, again, there is still plenty of scope for the work of railway development, and a the credit of the Indian Government is deservedly good, capital and probably not be wanting for its prosecution.

## IRON-MAKING BY LIMITED LIABILITY.

The number of iron-making concerns previously carried on up the joint-stock principle by limited liability is about to rect a notable addition. How extensive have been re-organisation this class may be inferred from the fact that, representing innount part iron-making companies, Mr. J. O. Chadwick (Chadwick, Adword, Collier, and Co.) Lombard-street, has taken the leading property worth 64,000,000/l. In this sum is represent transferring property worth 64,000,000/l. In this sum is represent the companies of the transferring property worth 64,000,000l. In this sum is repre
Bolckow, Vaughan, and Co., and other great companies situa
the North of England. And it is altogether satisfactory to a
ta a time when so much that is unfavourable is being said
the limited liability principle in mining and ironmaking, it
the companies embraced in that aggregate are even in the
pressed times paying dividends. The most recent addition
to previous list will be that of the famous Staffordshire firm of
G. B. Thorneycroft and Co., Wolverhampton. On behalf of a
stock company Mr. Chadwick has, as trustee, entered into an
ment with the former proprietors for the purchase of the coll
the blast-furnaces, and the mills and forges of that company
reorganisation in this case is due to the partnership having
dissolved by effluxion of time, and to some of the partners
desirous of retiring from active business. The works and
perties have been estimated at their profit-producing capacit
as between incoming and outgoing partners. The collier
ironstone mines have been valued by Mr. Wm. Armstrong, of
ham; and the ironworks by Mr. Edward Williams, late g
manager of Bolckow, Vaughan, and Co. (Limited). The sum ham; and the ironworks by Mr. Edward Williams, late gees manager of Bolckow, Vaughan, and Co. (Limited). The sum to be paid for the purchase is the amount of their joint valuation. 74,000L, together with the value of the stocks on hand, to be take at cost price valuation on the day of transfer, and a further sum of 1500L, the agreed value of the vendor's interest in surface landsmincluded in Messrs. Armstrong and Williams's valuation. To valuation of the stocks is estimated to amount to about 4500 No. sum will be paid for goodwill. The valuation of the Broile properties has been made subject to the payment by the purchase company of the further sum of 27,000L, by half-yearly instituent extending over nine years. It appears from the valuer's report tat the quantities of coal still unworked in the property are estimated at 1,235,000 tons and 170,000 tons of ironstone, that there is all cient fire-clay within the field to furnish the present producting many years, and the present annual output of coal is about 60,000 tons. many years, and the present annual output of coal is about 60,000. The valuers report that the two blast-furnaces at Bradley, and Shrubbery and Swan Garden Ironworks, at Wolverhampton, b united by railways and canals, are worked in connection will other; that the production of pig-iron from these furnaces some years averaged over 11,000 tons per annum, and that im some years averaged over 11,000 tons per annum, and that imparaments which are now in progress are expected to increase if output in future to 15,000 tons per annum; that the finishel is produced has averaged in recent years over 25,000 tons per annum, and that the works are capable of producing from 35,000 to 40 tons per annum. The ironmerchants and agency business of concern, so long established in Thames-street, is to go over to company. Of the total purchase-money the vendors take 500 in debentures carying 5 per cent. interest, and payable in servers, and a moiety of the residue in fully paid-up share. In balance is payable (10,000£) on taking possession, and the reminding its months. There is no promotion money of any kind, and of the directors will be members of the old firm, aided by Mr. Alia. Hickman, the largest pig-iron maker in South Staffordshire, and Mr. David Chadwick, M.P. for Macclesfield, and others.

VENTILATION OF COAL-LADEN SHIPS .- The Right Hon. H C. Childers and the other members of the Royal Commission ventilation of coal-laden ships on Thursday visited Liverpe Birkenhead on a tour of inspection. The Commissioners, will accompanied by Messrs. Forwood and Sanderson, of the Dack and a number of the leading coal shippers, first went to the Brai Moore Dock, Liverpool, and expressed great approval of them adopted there of loading coal. They afterwards went to the M peth Dock, Birkenhead, and Mr. Childers and several other gen men went personally into the hold of the Ocean King, a large tasking in a cargo of coal.

Mining in Saxony, and the Silver Question.—The deposition of silver and prospective adoption of a gold standard throughst Europe has caused much apprehension in the kingdom of Samp, which would lose considerably by the general demonstrational metal which is one of her chief mining products. Should the rest rapid fall in value continue, the cost of production in many often and the same should become relatively too high, and an important reduction of the output would necessarily ensue. With reference this question the Saxon Statistical Bureau has just published out particulars of the output of silver from the long-celebratel Freber mines, from which this metal is the principal extract. From the tables it appears that the selling price of Freiberg line silver at tables it appears that the selling price of Freiberg line silver at tables it appears that the selling price of Freiberg line silver at the next few years the price rose, and in 1869 it was 89 and 56 pfennig; but since 1870 it has stendily declined, the fall less most rapid in 1875, and, of course, during the early part of this year, from 83 marks 84 pfennig to 78 marks (3L 184) at the end of the month. In no year during the same period has the output beside than 51,128 lbs., and in most years considerably more, as in 1854 when it reached 119,574 lbs. The products from the royal furnes in Saxony, and the metallurgical and chemical works pertained the products from the royal furnes in Saxony, and the metallurgical and chemical works pertained the context of the second of the s MINING IN SAXONY, AND THE SILVER QUESTION.-The depre

COAL AND IRON IN THE UNITED STATES. -Simultaneously the resumption of coal mining, a number of iron mines near Redig, Pennsylvania, have been re-opened. The Pennsylvania Railost Company has made a reduction of rates for the conveyance of it tuninous coal. The Rastan market has reduction of rates for the conveyance of its tuninous coal. tuminous coal. The Boston market has ruled quiet cannel; some sales have been made of small lots at \$23 ( Scotch and American cannel there has been no change Cambridge M. M. Cumberland (Maryland) has been quiet, and price unchanged at Boston. Gas coal continues to \$\frac{1}{2} \text{per ton. Anthracite coal has been dull at Bot moderate retail demand; sales have been effected at \$7 t ton, according to quality. The movement of coal from a regions of Pennsylvania to March 25 this year was 3.001 against 2,973,214 tons in the corresponding period of 1875 Porte. Altogether, the serious step taken by the Turkish Governments in October, 1875, seems likely to lead to a very great displace-

e diet

## COAL MINES REGULATION ACT, 1872,

EXAMINATION FOR MANAGERS CERTIFICATES OF COMPETENCY. DISTRICT UNDER THE CHARGE OF RALPH MOORE, Esq.,

pistrict under the charge of ralph moore, esc.,

1432 tons of lead, and 540 tons of zine, making a total of 290,722
tons, a quantity equal to about one-fifth of the total mining operations of France, which is valued at 7,000,000 frs. per annum. The consultates that the Aurès mountains teem with mineral wealth, which has yet to be developed. He visited them last year, and reports not a single European to be found there.

## REPORT FROM CORNWALL.

REPORT FROM CORNWALL.

April 20.—This is a holiday week, and the result is that there is absolutely nothing to comment upon with regard to mining matters. There is no change worth speaking of, either for the worse or for the better, and we must wait a little longer before we are likely to the better, and we must wait a little longer before we are likely to the sea anything of moment. Mining affairs have rarely been in so see anything of moment. Mining affairs have rarely been in so sea anything of moment were thing is conducted on the hand to mouth ensitive a condition, everything is conducted on the hand to mouth remainstantaneously in every branch of mining operations. By and-bye there are likely to be a few matters of interest to re-By and-bye there are likely to be a few matters of interest to result in connection with local railways. The East Cornwall Railway end in connection with local railways. The East Cornwall Railway after the Bill is passed. The line will not only open up the important Gunnislake and Calling ton district, but will bring the South-Western system independently some miles nearer the three towns than it is

Gamislake and Calling ton district, but will bring the South-Western system independently some miles nearer the three towns than it is at present, and a line thither down the end bank of the Tamar is at present, and a line thither down the end bank of the Tamar is a quite upon the cards. The Cornwall Mineral Railways have not yet made their passenger arrangements, nor is it at all certain when they will. As to the South Devon Railway, now amalgamated with the Great Western, its shareholders have held their last half-yearly meeting, when a dividend at the rate of 11., 4 per cent. per annum, see declared.

was declared.

The works on the Rel River are now the merest shadow of what they were formerly. Where once every part of available space was occupied only 18 works are now in operation, and it is understood that few of these are making a profit; the dues, moreover, in several cases having been considerably reduced below the eighth usual formerly. The tin extracted is of inferior quality. The quantity is estimated at 40 to 45 tons a month, and the annual value at about 15,000%.

ity is estimated at 40 to 40 tons a month, and the annual value at about 15,000!.

WHEAL WREY, LUDCOTT, AND NORTH TRELAWNY COMPANY.—

At a large and fully attended meeting convened by the opposition or maittee, who have protested against the directors' proceedings as informal and illegal from the commencement, held at the London Inc, Liskeard, on Tuesday night, in reference to the call of 10s, per share now being demanded by the company's solicitor, with costs of his application, and an additional 6 per cent. to be attached, Mr. John Sobey was voted to the chair. It was unanimously resolved to vigorously defend any measures they may adopt, so as to have a thorough exposure and a full investigation of the whole concern from the first start. The funds show an available balance for future requirements. The services of Mr. J. G. Chilcott, solicitor, of Truro, were still retainel, with full instructions to resist any payment, as no balance-sheet has ever yet been presented, and no expenses incurred on the mine (not even the leases secured), the shareholders being kept in total ignorance of their position, and are at a loss to know what constitutes this most exorbitant demand. know what constitutes this most exorbitant demand.

### REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

April 20.—The Easter holidays have this week, as usual, interpretent a curse of business in the Iron Trade. The prospects are at all encouraging, the decision of the ironmasters on quarterly to make no reduction in prices having brought matters to a virual "dead lock." Under existing circumstances the current quotains are little more than nominal. For common unmarked bars he rate is 7/, 10s. to 8/, per ton, and for branded ditto, 9/, 10s. to 10/, herton, other descriptions being in the usual proportion. The manucurers of finished iron who make largely for local consumption curers of finished from who make largely for local consumption such, for instance, as Messrs, Dawes, of Bromford, who roll strip the lock trade—are much better supplied with orders than those leffy dependent upon distant markets. The manufacturers of galnicet roofing sheets have a few colonial orders in hand, and prices molerately well supported, but the condition of this branch of each is by no means satisfactory. Generally speaking, the istellion trade of the district can only be described as "stell to trade of the district can only be described as "stelling". ished iron trade of the district can only be described as "stale, t, and unprofitable.

four more furnaces have been blown out in South Staffordare or four more furnaces have been blown out in South Stanforce educing the last fortnight, including one by Mr. J. Holcroft, at ricy Hil; one by Mr. D. Rose, at Bilston; and one by Mr. T. w, at Bilston; so that the number at present in blast is only 58, gainst 105 or 110 when the iron trade is in its normal condition. signs to the slackness of orders, the holidays which commenced on mol Friday will be prolonged. Most of the works are expected to main idle for a fortnight at least. The new rate of wages to iron-orkers, as decided by the Mayor of Birmingham on Friday last, be 8s. 9l. per ton, to take effect for and after the week ending 29th inst. This new rate, involving a reduction of 6d. per ton, so far excited no expression of dissatisfaction on the part of the as so are excited no expression or dissatisfaction on the part of the men. The subscriptions paid in by the latter for the hast quarter of the maintenance of the Arbitration Board show an almost universal approval of the constitution of that board on its new basis. The Staffordshire Joint-Stock Bank, which has an extensive consection with the iron trade of the district, will open in a week or were branch of Walverlandshire.

nection with the iron trade of the district, will open in a week or woo a branch at Wolverhampton.

The following were among to-day's quotations on the Birmingham Stock Exchange:—Hamstead Colliery, 1½ prem., sellers; Cannama Colliery, 1½ prem., sellers; Sandwell Park Colliery, 28; Perry Colliery, ½ prem.; Mid-Cannock Colliery, 26; Spon Lane Colliery, ¼ dis., sellers; Ivy House and Northwood Colliery, ¼ dis.; J. Bagnall and Sons (Limited), 5½, sellers; Chillington Iron, 4½, sellers. The tone of the market is decidedly flat.

The Birmingham Daily Post has the following trenchant article on a subject which has for some little time past excited great interest.

t which has for some little time past excited great interest

t which has for some little time past excited great interest ing districts of Staffordshire:—
become of the Hartley Colliery and? About 50,000l. were subscribed era by the Hartley Colliery accident in 1862, and when these claims vided for the surplus fund was divided amongst several of the colliery hamount so allotted being placed in trust for the benefit of sufferers lents. Questions have several times been asked with reference to the and appropriation of the part of the money given to the Staffordshire no replies, so far as we know, have been elicited. On Monday, at nit, the subject was revived in such a pointed manner as to render it be fund, and the uses to which it is being put. Attention was drawn that the committee of the North Staffordshire Miners' Relief Society, report 'expressed surprise and dissatisfaction that no account has yet the committee of the North Staffordshire Miners' Relief Society. It by the committee of the North Staffordshire Miners' Relief Society, report 'expressed surprise and dissatisfaction that no account has yet el of the Hartley surplus.' The report pointed out that the money was the relief of persons suffering through colliery accidents in the district, to have been considered that the relief of persons suffering through colliery accidents in the district, to have not been considered as the needing of the three sets in whose name height stand, and who holds the security for it? Sir Lovelace Stamer, of stoke, who presided at the meeting, in referring to this part of the that 'nothing had ever come under his observation, in the matter of so disguaceful as the fact of the Hartley surplus having been placed to many years, and no account rendered of it. In other cases the been transferred to funds for the benefit of colliers, but in that district arrying, without success, for years to find out where the money was with the colliers to make a demand that this matter should be cleared upting to the bet drop until it was cleared up.' We call especial attenrephy to them, Somehody must know in whose hands the trust is restatement on the subject. In the face of such a challenge as that given lace Stamen, in the report of the subject of the part of the part of the statement on the subject. In the face of such a challenge as that given lace Stament on the subject. In the face of such a challenge as that given lace Stament on the subject. In the face of such a challenge as that given lace Stament on the subject. In the face of such a challenge as that given lace Stament on the subject has not for many years, been the Staffordshire Iron Trada has not for many years, been the subject.

in Rail

The North Staffordshire Iron Trade has not for many years been a more depressed condition that it is at the present time. The commasters have decided to petition the House of Commons for an equiry into the working of recent Acts of Parliament affecting bour, being of opinion that such legislation has had a considerable lare in raising the cost of production. The finished ironworks of hare in raising the cost of production. The finished ironworks of trades of the country, as might have been expected, the reaction set trades of the country, as might have been expected, the reaction set in. The householder, in consequence of the high price he had to pay

almost wholly standing. There is no alteration in the pig-iron and ironstone markets. The Coal Trade is very flat alike in the house and manufacturing departments.

#### REPORT FROM DERBYSHIRE AND YORKSHIRE.

April 20.—The strike at several collieries in the northern part of Derbyshire, by which some thousands of men are out, is the leading theme throughout the mining districts, and speculation is rife as to how long they are likely to remain out. At Clay Cross there are about 2000 out, rather more than one-half being members of the Miners' Association, and in receipt of the usual strike pay, but that is not likely to last much longer. At Staveley a very large number of the miners are also idle, as well as at several other places. At the Sherland Colliery, which is owned principally by the Miners' Association, a reduction of rather more than 15 per cent. has been proposed, but not accepted. The directors, however, suggest that to Association, a reduction of rather more than 15 per cent. has been proposed, but not accepted. The directors, however, suggest that to diminish the number of persons on the funds of the Association the colliery should work three shifts instead of only one. This, no doubt, would be of great advantage to the funds of the colliery, which are said not to be in a very flourishing state, but it would be very singular if men could be found to work a colliery belonging to a working-man for considerably less wages than they would one the property of an ordinary proprietor. But Messrs. Mundella and Monteaud the chairment and rice desirance has great faith in a working-man for considerably less wages than they would one the property of an ordinary proprietor. But Messrs. Mundella and Macdonald, the chairman and vice-chairman, have great faith in their power over the miners, but there is very little doubt but what they will be mistaken if they think they can get them to work at what wages they please to give them. As might be expected, only a moderate business is being done in house coal from the leading pits to London and the South, for what stocks there were at the commencement of the strike have disappeared in most instances; still the stoppage of so many large pits, that have been in the habit of sending some thousands of tons weekly to London alone, has in no way affected prices, which are now as low as they have been for a very long time. Yet there is very little doubt but what the traffic will show a marked falling off so far as the Midland is concerned. There is, however, every reasor to believe that the strike will be of short duration, and it is to the interest of the men and their families that it should be so. The Iron Trade is likely to suffer from the

There is, however, every reasor to believe that the strike will be of short duration, and it is to the interest of the men and their families that it should be so. The Iron Trade is likely to suffer from the stoppage, and at Sheepbridge the ironworkers are under notice, preparatory, it may be assumed, to a reduction of wages.

In Sheffield affairs do not look very promising, notices having been served on the men connected with Sir J. Brown & Co. (Limited) and Cammell and Co. (Limited), the two largest establishments in the town, and well known for their heavy armour plates and Bessemer rails and forgings. Both companies own collieries—Brown's the Aldwarke Main and Carr House, and Cammell's the Oalss—all of which are now standing. Very little business has been done during the week, owing to the holidays, but this is of no consequence, seeing that in very few branches is there anything like activity. The Bessemer Works have been doing very well in rails and forgings. As yet there has been no want of fuel for ordinary manufacturing purposes, nor is there likely to be on the part of those owners of works who are not colliery proprietors, seeing that there are a good many places where the miners are still at work conditionally, agreeing to accept the terms agreed upon by the general body. The departation from the Miners' Association which met the form which they were to ditak the condition on which work should be resumed was 15 per cent. off the gross wages. This gives no prospect of a compromise, so that, with an exhausted resury, there appears nothing for the men to do under the circumstances but accept it. They may make a show of a fight, but it will be of short duration, and they will of course be the greatest sufferers. The National Association is to be appealed to, but it is to be ferred no large amount of help will come from that quarrer, seeing that the men in other districts will not be inclined to pay a levy for the purpose of keeping up the wages of the miners to a much higher poin than their own. At swor

### THE SOUTH YORKSHIRE COLLIERIES.

There has been a good deal of agitation during the week in South Yorkshire with respect to the 15 per cent. reduction, and on Monday there was a meeting of the Council of the Miners' Association at Barnsley, at which the proposal was fully discussed, and a decision come to as to what should be proposed by the deputation appointed to wait upon the representative of the masters at Sheffield on Tuesday, but the proposed of the masters at Sheffield on Tuesday, but the proposed as the formatting the proposed of the masters at Sheffield on Tuesday, but the proposed as the formatting the proposed of the masters at Sheffield on Tuesday. day, but the press was refused any information; however, it transpired that the deputation were instructed not to agree to any reduction other than 7½ per cent. from the prices of 1871. At several collieries no notices whatever have been given. This is the case with respect to Earl Fitzwilliam's pits at Elsecar, for his lordship is not a member of the Masters' Association, acting on all occasions as he thinks fit. Earl Fitzwilliam, however, is in this exceptional position, that height he less we of the coal he rejeach as is in a heter position. not a member of the Masters' Association, acting on all occasions as he thinks fit. Earl Fitzwilliam, however, is in this exceptional position, that being the lessor of the coal he raises he is in a better position than most other colliery owners by at least 300% an acre. At two small pits at Clayton West it is proposed to reduce wages 44, per ton for best coal and 24 per ton for engine fuel. At 33 collieries, employing 11,938 men, the men are on strike against the full 15 per cent, reduction. It is not, however, believed that the strike will be long continued. The Sheffield Coal Company, who employ about 1000 men, yesterday arranged to allow them to resume work this morning at the present rate of wages, pending the result arrived at throughout the district. It is thought that a similar course will be adopted by many of the colliery proprietors, who are unwilling to see their pits idle, and that eventually the dispate will be narrowed to the pits of some of the most prominent members of the Coalowners' Association. At a meeting yesterday of the miners at Staveley, about 2000 of whom are on strike, a resolution was passed expressing their willingness to accept a reduction of 10 per cent, the question of the remaining 5 per cent, to be settled by arbitration. To enable the bearing of the dispute to be better understood, and to demonstrate that a reduction of wages is a positive necessity, owing to the limited demand for coal and the low price it realises, it may be well to give a few details as to the cause of the present depressed state of our coal and iron industries. On the termination of the war between Germany and France a mania set in for speculation, and railways were promoted in all directions, so that a very great demand set in for English coal and iron. In the former, the first advance in price of any note took place in the early part of 1872, and continued going up until February, 1873, when consumers became so alarmed that there was about to be a coal famine, and made such a run upon merchunts, that p

tons of rails, last month we only sent 31 tons. But, along with the increase in the price of coal and iron, the wages of miners and ironworkers advanced proportionately, so that they had a season of prosperity such as few of them ever dreamt of. The high wages paid to miners in particular attracted agricultural and other labourers to our collieries, for the old hands could not afford to work more than eight hours a day, and only four, or at the most five, days a week. The value of all necessary articles of consumption was also greatly advanced, and, whilst wages were advancing in all directions, very large profits were made by colliery owners and ironmasters, so that new mines and works on an extensive scale were promoted, to be worked by limited liability companies, in nearly every part of the kingdom, and really fabulous sums were given for existing concerns, which afterwards led to serious loss to great numbers. In Yorkshire alone, in two years, upwards of 130 new collieries were commenced, most of them on a very large scale, and some of them are only just now completed, so that since 1873 the productive power of the West Riding, so far as each is concerned, was increased by more the West Riding, so far as coal is concerned, was increased by more than two million tons per annum. During the period alluded to, new iron and steel works were also established that shone very well for a time, but many have since come to grief. After nearly three years of unexampled prosperity in the annals of the coal and iron trades of the country, as might have been expected, the reaction set in. The householder in consequence of the high price he had to next

or his fuel, adopted various economical contrivances for lessening his consumption. The demand for iron rapidly fell off, prices went down, shares in limited companies became depressed, large failures took place, so that in 1875 complete stagnation set in, and has since

took place, so that in 1875 complete stagnation set in, and has since continued.

It is beyond question that the colliers of South Yorkshire are about the best paid class of workmen for the hours they labour of any in England, therefore, should they remain out the loss will be a serious one for themselves and their families. They know very well from the depression of trade, by which they have only been able to secure three or four days work weekly, that the masters must have suffered as well as themselves, for they have been working without profit owing to the glut of coal in all our markets, and the keen competition which has brought prices down fully as low as they were during the latter part of 1871, when the first advance took place in price as well as in wages. Here there is a straight line by which the men should be guided, for the wages paid in December, 1871, ought to be the rule at the present time in South Yorkshire and North Derbyshire, although even then the colliery owners would be considerable losers, for since the former period the Mines Regulation Act of 1872 has come into operation, entailing additional expense in the working of collieries. This view, we consider, would be an exceedingly just one for the men to adopt, first having ascertained if it is correct, which they can easily do. To dootherwise—to oppose a reduction of wages to the point at which they stoned when coal was just the same price as it now is—would be acting unjustly towards employers. A reduction of 15 per cent, may lock large, and it certainly appears so; yet seeing that the men's wages advanced along with the rise in the price of coal, there can be no argument adduced to our thinking why they should not decline in the like proportion to what coal has done.

#### TRADE OF THE TYNE AND WEAR.

TRADE OF THE TYNE AND WEAR.

April 20.—The Easter holidays have interfered to some extent with business, but on the whole the late improvement continues to be well maintained. A large business has been done to the Baltic and also more distant places, and a good deal of coke has been imported to Spain and other countries. The demand for gescoals has fallen off considerably, and much difficulty is felt in keeping the works going in many cases: colliers producing inferior coals of all kinds and manufacturing coals are still badly employed, and more of this class will no doubt be stopped if the finished iron trade does not improve shortly. It will be seen from the detailed report that the pig-iron trade has improved to some extent, but there is scarcely any improvement to be noticed in any branch of the finished iron trade. The rail trade especially is very stagmant. The engineering and foundry trades are only in a moderately prosperous condition, but some improvement has taken place lately at some of the ironworks on the Tyne.

At Middlesborough, on Tuesday, though there was but a small attendance

tion, but some improvement has taken place taken as some a small attendance. At Middlesborough, on Tuesday, though there was but a small attendance and business was very slack on account of the Easter holdidys, the manufactured fromworks being at a stand-still throughout the district, the general tone of the Pig-Iron Trade was fairly kept up, and prices do not compare unfavourably with those lately raling. Makers look to the general condition of the market, and the probable demand now the navigation season is well settling in. They also are induced to keep prices firm by the fact that half a-dozen furnaces have been blown out.

those lately raing. Makers look to the general condition of the market, and the probable demand now the invigation season is well settling in. They also are induced to keep prices firm by the fact that half a dozen furnaces have been blown out.

The quotations for pig-iron are about—No. 1, 52s. to 52s. 61.; No. 3, 48s. 61. to 49s.; No. 4, forge 47s. 64. net cash. The endeavours made by rail manufactures to secure orders have not been successful, although they are offering very low prices. Plate makers are not so busy as can be desired, but as the shipbuilding trade is fairly busy, and there are more orders likely soon to come to hand, it is at inearly the case in some instances. There is no change to report in prices of manufactured iron. Rails are 6. 5s. to 6. 7s. 61.; shipplates, 7l. 19s.; common hars, 6l. 15s. to 6l. 17s. 6d.; angles, 7l. to 7l. 7s. 6d.; puddled birs, 4l. 12s. 6d. Colliery agents reported prices of all classes of coals are femer on account of the strike in the South Yorkshire district. There are already enquiries from the South for coals and coke to keep works going which are affected by the strike.

A large Special Steam Pump, manufactured by Messrs, Tangye Brothers, of Birmingham, has been fixed underground at the Adelaide Colliery, Bishop Auckland, and with a steam cylinder 26 in, and water-cylinder 6½ in, in diameter, with stroke 72 in, is throwing a constant stream of water, averaging 3500 gallons per hour, upwards of 1049 ft. vertically, the suction varying from 9 to 15 ft. The bucket deathery measures 14 in, over all. The valves are multiple, seven being contained in each box, having seats, which are served into their places by means of brass rines.

The delivery pipes are 7 in, in diameter, the air vessel 31 ft. 8 in, high by 2 ft. 8 inches in diameter. During the five years the pump has been working constantly. The delivery pipes are 7 in, in diameter, the air vessel 31 ft. 8 in, high by 2 ft. 8 inches in diameter. During the five years the pump has been working constantly. The deli

### THE SCOTCH MINING SHARE MARKET-WEEKLY REPORT AND LIST OF PRICES.

AND LIST OF PRICES.

Daring the past week the Easter holidays intervening have, as usual, restricted business, and the variations in prices generally are of small amount. In shares of iron and coal concerns Ebbw Vale marks a rise of \( \frac{1}{2}\), and Benhar (new) \( \frac{1}{2}\); while Marbella is \( \frac{1}{2}\) lower, and Ounoa and Cieland 2s. Cardiff and Swanses shares are now dealt in, 9l. paid, and remain 2\( \frac{1}{2}\), sellers. In shares of copper concerns the Cunalian companies, Pyrites, and Huntington, have lost a trifle on the few shillings they are now selling at, the state of affairs disclosed at the meeting of the former (noted elsewhere) being not encouraging. Pandillo has, however, advanced \( \frac{1}{2}\), and Tharsis, both classes, \( \frac{1}{2}\), the report of this company being fully referred to following. Yorke Peninsula (ordinary), 7s. 6l. to 8s. 4d. In home mines, Glasgow Caradon continues to be chiefly dealt in, and are maltered at 30s.; new shares, 2 s.; Dunsley Wheal Phoenix, 3s., sellers: Gunnislake (Cilters, 3 to 3\( \frac{1}{2}\), convinion Lead, 6\( \frac{1}{2}\), sellers; New Pembroke, 5 lebths, sellers: Penstruthal, 7s. 6l. to 8s. 6l.; Prince of Wales, 6s. to 4s. 6l.; Showbrook, 4\( \frac{1}{2}\), sellers: Marke Valley, 21l.4. An issue of 5000 10 per cent, preference shares of \( \frac{1}{2}\), sellers: Marke Valley, 21l.4. An issue of 5000 10 per cent, preference shares of \( \frac{1}{2}\), sellers in the state of the actual investment in this class of property. In shares of gold and silver mines Earna is fully \( \frac{1}{2}\) up, but Flagstaff \( \frac{1}{2}\), and Richmond 3-leiths, both lower. Anstrakasian Mines, \( \frac{1}{2}\) to \( \frac{1}{2}\), colored to be a sound investment in this class of property. In shares of gold and silver mines Earna is fully \( \frac{1}{2}\), up, but Flagstaff \( \frac{1}{2}\), and Richmond 3-leiths, both lower. Anstrakasian Mines, \( \frac{1}{2}\) to \( \frac{1}{2}\), closing and an actual to the color of the shares of the Scotti During the past week the Easter holidays intervening have, as

CANADIAN COPPER PYRITES COMPANY (Limited),

CANADIAN COPPER FYRITES COMPANY (Limited).—At the adjourned ordinary general meeting of the shareholders of this company, on Thursday last, the attendance was very small. It was ultimately agreed to accept the terms proposed for their remuneration alluded to at the previous meeting, in terms of the following resolution:—"That the meeting approve of an agreement being entered into with tion alluded to at the previous meeting, in terms of the following resolution:—"That the meeting approve of an agreement being entered into with the first directors for their remneration on the following terms:—As regards the Chairman, a bonus of one-tenth of the profits, if any, after payment of a dividend of 10 per cent, per annum during the first five years of the company, payable in any event, and in addition the sum of 1000! per annum, payable in advance, so long as the agreement continues; and, as regards the three ordinary directors, but sum of 1000! per annum, payable in advance, and a like bonus of one-tenth of the surplus net profits, if any, after payment of 10 per cent, during the said five years, both payable so long as the agreement continues; the said sum and bonus being divisible among them as they may think proper, and the company having power to appoint a fourth director to share therein; and that the details of sail agreement be adjusted by the directors. Provices to the extent of two thirds of the capital—51.470 cut of 78.750 shares—had been received by the directors, so that, notwithstanding the small attendance, it will be observed the majority of the share being held in Rechdale and London. The Chairman intimated that within a few months another and very much less expensive arrangement as to the direction in Canada was hoped to be arranged; although the information they had from there was of a totally unreliable character, the felieved the future to be more hopeful. An amendment that the directors be pleased to accept of a nominal salary, with a shareholders, did not meet with support.

THARSIS SULPHUR AND COPPER COMPANY (Limited).—The following are the principal contents of the profits after paying 5 per cent. dividend out of revenue to the shareholders, did not meet with support.

lowing are the principal contents of the report to be submitted at the general meeting of shareholders on the 20th inst.:—The whole of the debentures (150,000%) authorised in 1874 have now been issued. the balance since last year's report (25,200l.) having been placed in

| the S | rote | h Ste |     |      |      |       |  |        |
|-------|------|-------|-----|------|------|-------|--|--------|
| C     | apit | tal.  |     |      |      | ends. |  |        |
| Per   |      | Pai   | 4   | Der  | an   | num.  |  | Last   |
| share |      | up.   |     |      |      |       | . COAL, IRON, STEEL.                     | price. |
| £ 10  | ***  | £6    | *** | £10  |      | 210   | Arniston Coal (Limited)                  | 71/4   |
| 10    | ***  | 10    | *** | 1 &  | ***  |       | Benhar Coal (Limited)                    |        |
| 10    | ***  | 6     | *** | 1.5  | 256  | 59    | Ditto                                    | - 65   |
| 100   | ***  | 40    | *** | 1256 | Ś    | 736   | Bolekow, Vaughan, and Co. (Lim,)A.       | 5176   |
| 10    |      | 10    | *** | 10   | 2.00 | 10    | Cairn'able Gas Coal (Limited)            | 936    |
| 10    | ***  | 10    |     | 5    |      | Eiil  | Chillington Iron (Limited)               | 434    |
| 32    | ***  | 29    |     | 7    | ***  | 36    | t Ebbw Vale Steel, Iron, and Coal (Lim.) | 1114   |
| 10    |      | 4     |     | mil  |      |       | Fife Coal (Limited)                      |        |
| 10    |      | 10    | *** | -    | ***  |       | Glasgow Port Washington Iron & Coal (L)  |        |
| 10    | ***  | 10    | *** | -    | ***  |       | Dieto Prepaid                            |        |
| 10    | ***  | 10    | *** | -    |      | 1000  | Lochore and Capiedrae (Limited)          | 71%    |
| 10    |      | 10    |     | 5.6  |      | reit  | Murbella Iron Ore (Limited)              | 21/4   |
| 10    |      | 10    |     | 5    |      | 281   | Monkland Iron and Coal (Limited)         | 444.   |
| 10    |      | 10    |     | 7    |      | 7     | Ditto Guaranteed Preference              | 4.16   |

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|--|---|
| 875. The railway and pier sinking fund, and rolling stock renewal funds acounts have been raised to 92,647/, by additions to the former (in 1874, 71,311/.) of 3,227/. net surplus from the downward traffic after deducting interest on first and to the halter (in 1874, 7102/.) of 1006/. net surplus   | 100 100 nil nil Nant-y-Glo & Blaina Ironworks pref. (L)   30   6 5 15 nil Omoa and Clelan I Iron and Coal (Lim.),   48s.   1 1   12½ 12½ Sectisis Australian Mining (Limited) 15½   12½ Ditto New 8s, 6d.   |
| ssue of 100,000. desentation of the year 1875, with 4323l from pre-<br>form the upward traffic. The net profits of the year 1875, with 4323l from pre-<br>form years accounts, amount to 211,052l; from which a dividend is recommended  |   |
| I w 10 next, and the second take credit of the year 1876. Owing to the increased   | 4 4 Canadian Copper Pyrites (Limited) 76 4 3 Ditto (63 paid) 12s, 10 7 20s 20s Cape Copper (Limited) 30   |
| Intity of copper in burnt ore and precipitate from the minis—total consists of a close of the year—the valuations of the stock in trude in Brittin rowards the close of the year—the valuations of Spain are less by 5099. The Spainish how an addition of \$3,57%, while those in Spain are less by 5099. The Spainish how an addition to 7060, charged against production in Spain, together 18,017.; see in addition to 7060, charged against production in Spain, together 18,017.; and in Great Brittin, 28,106, (12) per cent, on property and plant account), and only on miscellar one assets, together 27,10%; making a total for the year of only on the state of the plant account the addition, before referred to, to railway re-   | 2   2   Dunsley Wheal Phemix Tin (Limited) 3s.  |
| ad in Great Brittin, 21.105. (7½ per cent, on property and plant account), and old on miscellureous assets, together 27.1034; in taking a total for the year of old, on miscellureous assets, together 27.1034; in this part of the year of old of the period of the year of the period of the year.   | 25s.   23s.   -     Kapunda Mining (Limited)   24.     4   4   -   Pauniello Copper (Limited)   11/4   10   10   61   61   Rio Tinto (Limited)   5/8  |
| and, on miscellaneous assets, together 27,10%; in utiling a total for the year of use figures (taking into account the ad lition, before referred to, to railway reses figures (taking into account the ad lition, before referred to, to railway return for 50,3571, against 42,4371 in the previous year. The metal works reg on son steadily. The quality of the copper continues excellent, and comands the best prices. Under the agreement for the land at Oldbury, the comands the best prices. Under the agreement for the land at Oldbury, the comands the best prices.   | 10  |
| idnes Works are situated. The further completion of the Cardiff and Willington   | 10  |
| me, and a deprecation 1/2 per care, as declared nation, which is the reduction on the fixed property account of those works of 9949.  In the standard quantity of pyrites layoleed to cust oners ducing 1875 was 223,911 tens,   | GOLD, SILVER.   |
| 25 was \$110 tons, as against 1250 tons in 1874. This is explained by ears in 1875 was 7788 tons, as against 82 6 tons in 1874. This is explained by eigenmatance that the market having given way in the latter months of the   | 20  |
| efrounstanse that the market revived, and the deliveries took place by in 1876. The price of sulphur was 15th per unit less than in 1874, but that copper 12. 10s. 7d. per ton higher. The iron ore produced in 1875 was 167,777 s., as a ginst 145,517 tons in 1874, but owing to the depressed state of this brunch rade the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons as a ginst 145,956 tons and the property of the depressed state of this brunch rade the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons as a ginst 145,956 tons and the property of the deliveries of the deliveries of the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons as a ginst 145,956 tons as a ginst 145,956 tons are the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons are the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons are the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons, as a ginst 145,956 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries to consumers were in 1875 131,055 tons are the deliveries tons are the deliveries to consumers were the 1875 tons are t       | OIL.  10 7 2½ 5Dalmeny Oil (Limifed)  |
| s til 15 th, that the furname manufacturers of from his been attracted towards   | 10 8½ 5 5 Young's Paraffin Light & Mineral Oil (L) 8 7-16 MISCELLANEOUS, 50 25 16 16 London and Glasgow Engineering & Iron  |
| article, and an important at into an aret of consamption will ere long be ned, it is hoped, to the company.  | 8   |
| ogs downward and 18,188 upward, as against 224, 08 form 1874. The nec<br>its of this traffic have been placed to reserve funds, as before stated. Owing to<br>stoppage of the Lapilla Mine, and the depression in the manganese trade, the   | 10 4 8 5 Ditto New 41/2  † Interim.   Per share.  Last day for this account April 25; settling day, April 28.   |
| in 1874; the pront from this traine, 1879,, has been extract to pront and assume as formerly. The sum of 3216, has been added to the amount standing and as formerly.  | NOTE.—The above lists of mines and auxiliary associations is as full as can be ascertined, Scotch companies only being inserted, or those in which Scotch in sectors are interested. In the event of any being omitted, and parties desiring a  |
| the debit of this asset, for the probabilisting in many places, rebuilding 123 ine into better con lition by fresh ballisting in many places, rebuilding 183 ones, repairing others, convert in the old store of Corrales, parting the telegraph line working order, and laying a new cole from Rueley to the stipping pier, rolling stock in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives, 513 (388 wood, 125 colling stocks in gool profit now consists of 21 to motives.)  | quotation for them and such information as can be ascertained from time to time to be inserted in these lists, they will be good enough to communicate the name of the company, with any other particulars as full as possible.   |
| working order, and all me a new chrons dear to the surface of the special control of the control       | J. GRANT MACLEAN, Stock and Share Broker.  Post Office Buildings, Stirling, April 20.   |
| rge ore, and a tons less than in 1874. Of precipitate there were shipped 3762 tons, against tons less than in 1874. The pier and   | REPORT FROM MONMOUTHISHIRE AND SOUTH WALES.   |
| s continue to answer wen, and all are in good working due to regard to the mines, we find, taking Thursis first, that the removal of the over-   | April 20.—The fact of the Easter holidays intervening has had the effect of causing but little business to be done in the staple trades since last report. The Iron Trade has continued depressed,  |
| is were—of large ore 555,755 tons, and of sman ore 21,572 tons, tons in 1874. The costs of extraction have been 4 tons, as against 402,373 tons in 1874. The costs of extraction have been tons, as against 402,373 tons in 1874. The costs of extraction have been rather better. The   | and about the only customer for rails, to any extent, has been Sweden, and to that country but small quantities have been sent.   |
| al was 331,635 cube merres, using t.o. more than in 1874. This reparation 230,839 wagons of debris, and the work was done at a cost of 23,432, being 230,839 wagons of one real, or 24,54, sterling, per cubic metre, as compared with 1874.   | The wages difficulty in but few cases presents itself, the men as a rule being so auxious to obtain employment that they are not much inclined to quarrel about remuneration. The trade in pigs has some-   |
| se of 3770% curried to the desired of the north lone oversured accounter as support for shipment, and raised, 204,505 tons were sent down to the port for shipment, and  | what fallen off, but plates still sell fairly well, and help to a considerable extent in keeping the works going. The fromworkers entered to the control of |
| ities being partially increased to a reger mass of ore has been discovered, an un-<br>strance north west of this lode a large mass of these mines. The quantity of   | The prices at these works are regulated by those in force in Staf-  |
| al, calculated to the depth to which this fold has been drained, mass how to<br>tata larger quantity than 10,000,000 tons; but assuming that figure, the present<br>con the mineral, if permanently levied, will be capable of refunding the sum<br>to the depth of the sum of | fordshire, and the principal bone of contention is that employers<br>want the reduction to take place two weeks before it does in Staf-<br>fordshire.   |
| g the year, and in June ore is expected to be raised from the open cast. The   | The restriction of make now being enforced in the Tin-Plate Trade appears at present not to have affected prices to any extent,   |
| for these preparatory worsts there as a feet to be written in by the drafts it is raised. It now amounts to 9100, and as the heaviest charges are already t is not expected that this asset will be materially increased. The workings the state of the stat       | and it is feared that the works will have to be closed two weeks per<br>month, as determined at the recent meeting of the trade, unless a<br>better state of things exist. This arrangement, if carried out, will   |
| ectors are pleased with its position and prospects. The ore put to themas 32,143 tons in 1875, being 5367 tons less than the previous year. The ore  | make it especially hard for the men employed in these establishments.  The Coal Trade also shows no signs of improvement although   |
| north east of Thursis, and the mineral obtained is entirely treat of for the   | France continues to take about her usual supply. The complaint, however, is not so much as to enquiries, sut as to the lowness of prices; and this remark applies to especially steam qualities. House coals are also depresses. The state of the staple trades is, in fact, exercising a most disastrous effect on the shopkeepers, &c. of the district, and instruces of bankenteys and liquiditation are now frequent.   |
| more for constructing another reserved, and some active as the usual rate of barbasco, or waste heaps, account has been written down at the usual rate of for the year, and, owing to washing being impracticable, no copper has been  | The strike among a section of the authracite men, which has now laster since the p  |
| from it, and though the assistants less by this amount in the company's it will be precised it is wally more valuable. A frantage was taken of this tunite drought the xunine and thoroughly repair the plant of the communication at the outly being charged to production. The increase of the property assount in Spain, consequent on this, and after deduction of the   | heginning of the year, shows signs at length of coming to an end, as the question<br>in dispute his been again referred to arbitration.  The Conference of the South Wales and Monnouthshire Branch of the National<br>Trains of Winces has been sixting at Aberdue. In the course of the proceedings,  |
| at written of the department is the moderning the year, and the supply of  | Union of Miners has been sitting at Aberdare. In the course of the proceedings, secessions from the Union were regretted in the reports from various districts. Mr. Habiday has been addressing a meeting of celliers at Mountain Ash, and has been speaking severely of the conduct of the men in turning away Mr. Mitchard.   |
| been built, and the workpeople has continued to receive attention. A savings   | This fact is evidently a sore point with the leaders of the Union, and they are no doubt well aware that the power of that organisation is deciming among the measuraployed in the staple trades. Resolutions were, however, passed at this meeting in favour of maintaining the Union, and the sume result followed a meeting held   |
| hospital his ben opens. In the English and Seatch employees at the mines. The much satisfaction to the English and Seatch employees at the mines. The ospital his been converted into an additional school. New stores and offices opital his been converted into an additional school. New stores and offices   | at Cwmbach; but, after all, these votes do not rectore Mr. Mitcharl to his lost position. The coal trimmers at Cmilff, whose wages it is proposed to reduce, resent any algration, and a deputation of the men has met the shippers with a view   |
| better class have be a province. Roots and recovery seeing from use entre e north lode, and connecting these with the station, have been built, and new healthler statios constructed for the company's 117 males.  ofter many remarks or a report so ample as the following is hardly necessary, often the properties of the seeing the properties of the propert       | of coming to some arrangement, but the meeting adjourned without any arrangement being come to.  It is evident that the shareholders of the Bilson and Crump Meadow Collieries  |
| revious year's report, against a few as to readily compare with it. It may   | Company have a very valuable property, as the collieries have been doing remarkably well during the last time months. The collieries have, in fact, been earning more than a 10 per out divident during the last three months, and this is a proof that collieries are a remarkably sound investment. Quality and cheap working are the called elements of success in these depressed times, and these the Bison and  |
| the balance carried to a relative the decreased dividend -22,5 ml. Throughout the report the effects along seed state of trade will be observed, and in the face of this the result of   | purchased by the company are pessessed of. In case the roke a bridge control is   |
| er's operations is very satisfactory.  It will be seen that when the uncovering, refature is most encouraging. It will be seen that when the uncovering, relation the report, becomes suspended, as it is stated it will in a year or two,   | interfere in any way with the Bilson and Crump guarantee.  At a meeting which has been held of the Cardiff Chamber of Commerce, it has been resolved to memorialise Lord Bute and his trustees to immediately proceed with the Routh Dock, which the Chamber contended was necessary to meet the  |
| clarge quantity of internation available with meet the annual to the to come, the large annual credit borne by the inhersal taken away will rapidly gaish the overburdened assount, and the future surplus from the clarge begins the overburdened assount, and the future surplus from the clarge begins to be a supplied to the clarge begins to the control of the control        | present and prospective requirements of the port.  The men employed at the Aber-bre-Merthyr Steam Coal Colliery, Kirwain, have stressly work on account of some alterations made in cutting prices.   |
| eason to hope the company stron crewin yield much greater prouts, owing probable increased demand for it in connection with stell manufactures.  | The Lord Justices of the Court of Appeal have hid before them the apreal of<br>Messra, C. W. Luard and another against the decision of Vice Chancellor Malins<br>refusing to grant a winding-up order on their petition as creditors of the South<br>Wales Atlantic Steamship Company. The appeal was dismissed with costs.   |
| etion of precipitate has continued to define in the large reservoirs at Thursis and Calinas; but the large reservoirs at Thursis with water, and 1876 promises to view a renewal of the steady well filled with water, and 1876 promises to view a renewal of the steady   |   |
| arising from this scarce prior to its. A curron and securissist, it may be by some large holders of the shares, proposing that they be converted into red and deferred, the preferred dividend to be fixed: 20 percent. Whether red and deferred, the preferred of the belders of those preferred.   | April 20Little change as to prices for coal or the state of the   |
| are to have an equal share in the management, is not stated. Bentur done   | trade since our last report, and it follows as a matter of course that<br>there has been little improvement as to employment, though it is<br>pleasant to acknowledge a slight change, but none, whose opinion  |
| treshay the market was given than the market was given that the 10% closing lu to 10 1-1-th. Birdseye Creek, 15% to 1½. Blue Fent, 25% Cana in Copper Pyrites, 5%, sellers; ditto (2. paid), 12s sellers. Don North del Rey, 35 to § Ebbw Vale, 11% to 12. Emma done at 1%, clos to 14%. Glasgow Caradon done at 30s., closing 29s. 54, to 30s. Gunnislake to 14%. Characteria done at 12s. closing 19s. to 11s. 6d. 1. X. F.  | is worth attaching any importance to, believe that any briskness  |
| to 14. Glascov Cardon done at 30s., closing 29s. 64. to 30s. Gunnishates, 3. 3 to 30s. Huntington done at 12s., closing 19s. to 11s., 64. I. X. Le, 3x-vil, 8s., sellers. Lingd de's Chemical, 5 to 5½. Liwe's Chemical, 5 to 5½. Liwe's Chemical, 5 to 5½. Sellers. Penstruthal, 7s. 64. to 8s. 64. Pestarena United, 5s. to 7s. sellers. Penstruthal, 7s. 64. to 8s. 64. Pestarena United, 5s. to 7s. of Wales, 6s. to 7s. Richmond, 6½ to 6½. Sweetland Greek, 2½ to st. Teomy, ½ to M. Thursis done from 20% to 21, closing 21 to 21½. Peninala terdinary, 5-16ths to M. Young's Paraffin, 5½ to 5½.   | A case involving points of considerable interest came on for hearing at the Gloucester Assizes. We allude to the case Ross and Another v. Rugge Price, which was argued before Baron Ampliet, but after   |
| of Wales, 6s, to 7s. Richmond, 6½ to 6½. Sweetland Greek, 2½ to<br>s. Teoms, ½ to ½. Thursts done from 20% to 21, clesing 21 to 21½.<br>caincula fordinary, 5-18th; to ½. Young 8 Paraffin, 8½ to 8½.  | going into the case to some extent, at the suggestion of the Judge anarrangement was come to between the parties. The case consisted in damages sustained, as was alleged, by the water from the defendant's collery, the plaintiffs collery, the Princess Royal Pit, which is in the land of the Princess Royal, and   |
|  |   |
| Benhar done at 10 and 10 1 16th, closing 10 1 15th to 10%. Chorales, seliers. Catorido Terrible Lode, 29s. to 30s. Don Pedro, 35 to 746 hs. Vale done at 11 11 5ths, closing 11% to 11%. Emma done at 21s. 31, 32s. 5t. Exchequire, 2 to 23f. Flugstoff, 13f, buyers. Glasgow on done at 185. Gauni-iske (Citters), 3 to 33f. Huntington done at 10s., g 9a, to 11s. I. X. E. I., sellers. Killifreth, 3to 1. Lochors and Cupletta 47 5f. Monkland, 49s. to 44s. Omoa and Cleland 48s. to 48s. Prince of 6s. to 8s. 6 l. Rica, 3s. 6d., sellers. Richmond done at 5f., closing 6% to   | and ultimately agreed to employ competent persons to visit the collieries and us-<br>sued tests as may be considered necessary to get at the real state of the case, and<br>having ascertained the facts respecting the inflow of water, to assess damages  |
| Sweetland Creek 264 to 21/ Thursis   | sionally troubled by it to all extent that involves serious ites.   |
| dat 21%, but were done at 21%, and then 21%, cosing 21% to 21%, and so done from 11% to 11%, closing 11% to 15. Yorke Peninsula Gordinary, to 88, 61. Young's Paraffin, 8% to 8%. Scottish Wagon (all paid), to 10%.   | operations in the deep of Trafalgar Colliery, owned by the Messars. Brain<br>Brothers, as will be inferred when we add that the continued presence of water<br>has thrown ont of work some hundred men, or necessitated their getting employ  |
| to 10%.  ijoined are this week's quotations, &c., of mining and metal shares quoted on leaten Stock Exchanges:  Lividends.  Dividends.   | ment elsewhere. The water at this pit is supposed to come from a neighbouring colliery speculation, but whether any tests to prove or disprove the supposition specified we are untile to say. The Messrs, Brain have additional pumping machinery erected, but it is asserted that the water still rises.  |
| Rate per cent. Description of shares.  Paid per annum.  Previous, Lust. COAL IRON STEEL price.   | If there are coal measures which have more abundant water in them than others, so as to involve a much greater outlay of capital in working expenses, and can be clearly established as a fact, ought not the Crown Gaveller and Deputy   |
| £6 £10 £10 Arniston Coal (Limited)   | Gaveller to take account of the same when granting gales in these measures, and fix a proportionately lower royalty and deal rent? A law already exists which was a proportionately lower royalty and deal rent? A law already exists which was a proportionately lower royalty and the proportion of the lower to keep their water from troubling those next to  |
| 6 14 9 Ditto 6<br>40 1254 7554 Bolehow, Vanghan, and Co. (Lim <sub>2</sub> )A. 51%<br>10 19 10 Calmuchle Gas Coal (Limited) 443<br>43 Callington Fron (Limited) 443  | them in the deep, but we are not aware of any existing law which instructs the<br>Gaveller in making grants to difference the royalty and dead rent on the grounds  |

having ascertained the facts respecting the inflow of water, to assess damages accordingly, whether for or against plaintiffs or defendant.

This water question is one of great importance, as several collieries are occasionally troubled by it to an extent that involves serious loss. At the present, and for several months past, an inflow of water has sally hampered and cartaided operations in the deep of Trafalgar Colliery, owned by the Messrs. Brain has thrown out of work some hundred men, or necessitated their getting employ ment elsewhere. The water at this pit is supposed to come from a neighbouring colliery speculation, but whether any tests to prove or disprove the supposition specified we are unable to say. The Messrs, Brain have additional pumping machinery erected, but it is asserted that the water still rises.

If there are coal measures which have more abundant water in them than others, so as to involve a much greater outlay of capital in working expenses, and can be clearly established as a fact, ought not the Crown Gaveller and Deputy Gaveller to take account of the same when granting gales in these measures, and fix a proportionately lower roy tly and deal rent? A law already exists which makes it the daty of land galess to keep their water from troubling those next to them in the deep, have have a deal to have a considered in different by which we mean that, even if it be proved that the water in the deep, which was more than the deep, which was rounded in different, by which we mean that, even if it be proved that the waters flowed in different, by which we mean that, even if it be proved that the water in the deep, which have income meaning the serval instances greatly interrupted operations at various collieries, has a Forest wide connection, by which we mean that, even if it be proved that the water in the deep, which have income meaning the provided in different, by which we mean that, even if it be proved that the water in the deep, which have income meaning the provided in different, by wh

ment of capital, or rather to a very great diversion of capital. The present generation will not lend very freely again to South American Republics; but there is no reason why British capital American Consequence of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in a misselection of the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs, be headed in the recent course of financial affairs o

WANTED, a FEW GENTLEMEN, of business capabilities, to FORM a COMPANY to WORK COPPER AND LEAD MINES IN the RICHEST MINERAL DISTRICTS of CORNWALL. For further particulars apply to Mr. Charles Bawden, Politice House, 8t. Dig., Scorrier, Cornwall.—April 19, 1876.

DLAST-FURNACE SUPERINTENDENT WANTED for Extensing of Steel, including Signerness' process, preferred. Must have experience, and the duce first-class testimonials, copies of which should accompany applications (which will be treated confidentially), addressed to "A. B. C., care of Mr. J. Wook, I., Great Queen-street, Westminster, S.W.

A GENTLEMAN, well conversant with the modus operand of Stock and Share Dealing and Promotion of Public Companies, of conglevable experience in a leading London financial firm, is OPEN to an ENGAGE MENT, as AGENT, SECRETARY, or otherwise.

Address, "R.," 15, Herbert street, London, N.

FOR SALE, BY PRIVATE CONTRACT, ONE 22 in. cylinder WINDING ENGINE and CASE, with BOILER of 8 tons, on WHELL MARY ANN MINE.

For particulars and price, apply to the Purser, W. G. NETTLE, Liskeard, March 10, 1876.

FOR SALE, -70 in. cylinder CORNISH PUMPING ENGINE 10 ft. stroke, equal bram.
21 in. DOUBLE-AOFING ROFARY ENGINE, 10 ft. stroke in cylinder, 7 ft.
Apply to James James, Camborne, Cornwall.

TO BE SOLD, a WHOLESALE BUSINESS in the COMolliery. Address, "H.," care of Messrs. Dawson and Sons, 121, Cannon street, City, E.O

EV. EDMUND FOWLE (Author of a most successful series of Latin and Greek books, and other works) PRECARES BOYS for the PUBLIC SCHOOLS.
For terms (inclusive), address Amesbury House, Reigate Hill, Reigate.

OWARD'S TRACTION OR WINDING ENGINES—
TWO FOR SALE, 14 h.p., near Banbury.
Apply, Mr. THOMAS FENWICE, Iron Merchant, Royal Exchange, Middleborough.

M ONEY ADVANCED, in sums of £500 and upwards, on FREEHOLD or LEASEHOLD PROPERTY, SHARES, STOCKS, and PERSONAL SECURITY. PERSONAL SECURITY. Address, Tuony Venor and Co., Accountants, Mortgage Brokers, Valuers, &c., 30, Brockley Buildings, South John street, Liverpool.

### SOUTH AURORA CONSOLIDATED MINING COMPANY,

THE OLMETA COPPER COMPANY OF CORSICA (LIMITED),

Sir. — Herewith I send you full analysis of the cargo of ore received from Basis, per ship Lindheim: a second shipment has just arrived, per Preton, at Nexcellon-Tyne, the percentage of min-ral at present unsecretained, but adiable being higher grade than the one per Lindheim. Office Newschild Cir. Cabogas, Sc. Laboratory and Assay Office, Newcastle on Tyne, March 18, Analysis made on the supplies detect at 211 Fabr.

| Anny sis mone on the samples are | CIR LEE MA |     |       |      |          |
|----------------------------------|------------|-----|-------|------|----------|
|                                  | 1.         |     | 2.    |      | 4.       |
| SulphurPer cent.                 | 35:00      |     |       |      | 33.25    |
| Iron                             | 31 07      |     | 34 13 |      |          |
| Alumina                          | 2.94       |     | 2 17  |      | 4.59     |
| Copper                           | 6.84       |     | 5.86  |      | 4 11     |
| Lead                             | 9.03       |     | 0.09  |      | 0:08     |
| Oxides of cobalt-nickel          | 0:36       |     | 0:42  |      | 0.32     |
| Arsenic                          | mil        |     | nil   |      | pil      |
| Lime                             | 0.27       |     | 0.13  |      | 0.35     |
| Magnesia                         | 0.83       |     | 1 32  |      | 2:10     |
| Insoluble silicious matter       | 19 73      |     | 16:23 |      | 15:43    |
| Oxygen and loss                  | 2.93       | *** | 2.25  | 1.69 |          |
|                                  |            |     | -     |      | -        |
| Total                            |            |     | 103   |      |          |
| Moisture                         | 3.67       |     | 1.52  |      | 5141     |
| (Signe                           | 4)         |     | Jone  | P    | ATTINSON |

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THI

Sr. Agnes Consols.—This company is now in the full course of liquidation. Shareholders representing a large proportion of the capital are subscribing to purchase the mine for resuscitation, if it can be got at their price, but not otherwise. It will be putup for sale by public anction, of which the fullest publicity will be given; and it is still open to any shareholder to subscribe to the purchase fail in thinks proper to do so. It is proposed to sell the mine by public auction, at the highest price possible will be obtained for the same, but considering the recent sale of Rosewall Hill and Ransom United Mines, with the matchibard plant, which only realised 1300. (whilst the machinery alone must have estapwards of 5000.), the prospects of the sale are not of an encouraging character.

| Date.      | Mines.         | Tons. | A D | ice p | per t | on. | Purchasers.             |
|------------|----------------|-------|-----|-------|-------|-----|-------------------------|
| April 13-B | 02             | 20 .  |     | 113   | 16    | 0   | Nevill, Druce, and Co.  |
| 18-F       | oxdale         | 105 . |     | 23    | 0     | 0   | Burry Port Company.     |
| 19-T       | eesdale        | 20 .  |     | 13    | 12    | 6   | Locke, Blackett, and Co |
| — G        | reat Dyliffe . | 50 .  |     | 15    | 1     | 0   | Panther Lead Company    |
| -          | ditto .        | 50 .  |     | 11    | 18    | 0   | ditto                   |
| 20 -T      | ankerville     | 50 .  |     | 15    | 43    | 0   | George Burr.            |
| _          | ditto          | 100 . |     | 15    | 4     | 0   | ditto                   |
| G          | rogwinion      | 70 .  |     | 15    | 0     | 6   | Panther Lead Company    |
| 21 - N     | orth Lixey .   | 30 .  |     | 16    | 2     | 6   | Walker, Parker, and C   |

| Dat   | e.   | Millies   | 1           | ron  | B | LLICE | e pe | r v | on. | Liftengaerer       |
|-------|------|-----------|-------------|------|---|-------|------|-----|-----|--------------------|
| April | 13 - | Bog       |             | . 30 |   | £ 6   | 0    | 0   |     | Ripley Spelter Co. |
|       | 15 - | Nautiago  | )           | 40   |   | 3     | 12   | 0   |     | Kenrick and bon.   |
|       | 201  | Talarmork | h           | 100  |   | 4     | 12   | 0   |     | Vivian and Sons.   |
|       | _    | ditto     | *********** | 100  |   | 4     | 12   | 0   |     | Richardson and Co. |
|       |      |           |             |      |   | -     | -    |     | -   |                    |
|       |      |           |             |      |   |       |      |     |     |                    |

Date. Mines. Tons c. q. lb Price per ton. Amount. Purchases.

April 20—Wheal Grenville 14 5 0 14 ... £825 9 10 — COPPER ORES.

| Sampled April 5, and sold at the Royal Hotel, Truro, April 2).
| Mines. | Tons. | Price. | Mines. | Tons. | on Great Consols... | 95 .... | 43 | 6 | Glasgow Caradon .... | 39 ..... Tons. Price.

| 19    | Devon Great | Consols        | 95  |     | £3     | - 6 | -65 | Glasgow Caradon 30 118                                | į.  |
|-------|-------------|----------------|-----|-----|--------|-----|-----|---|-----|
| n     | ditto       |                | 94  |     | 3      | 6   | ()  |   | ė   |
| 18    | ditto       | *** *********  | 91  |     | 3      | 11  | 6   | ditto   | į   |
| 10    | ditto       | *************  | 83  |     | 3      | 6   | 0   | ditto   | š.  |
| - 1   | ditto       |                | 79  |     | 3      | 6   | 0   | West Maria & Fortescue 93 1 10                        | ì   |
| T     |             |                |     |     |        | 5   | 6   | ditto 63 2 10   | ò   |
| 1     | ditto       |                | 64  |     | 3      | 15  | 6   | ditto 61 214  | ì   |
| de la | ditto       |                | 60  |     | 3      | 4   | 6   | ditto 8 4 11  | ì   |
| 31    | ditto       | *************  | 5:3 |     | 6      | 16  | 6   | Gawton 72 2 16  | ŝ   |
| 18    | ditto       |                | 19  |     | 6      | 17  | 6   | ditto 56 2 19   | ì   |
| 8     |             |                | - 6 |     | 25     | 19  | 0   | ditto 45 2 4  | à.  |
| d     | South Carad | on             | 77  |     | 6      | 12  | 6   | ditto 7 410   | į.  |
| D     | ditto       |                | 71  |     | 4      | 43  | 0   | Wheal Crebor 93 44                                    | ş   |
| 3     |             |                |     |     |        | 9   | 0   | ditto 18 4  | ŝ   |
| 0,    |             | ************   |     |     | 6      | 7   | 6   | Wheal Russell 53 2 1                                  | ä   |
| Sie   | ditto       | ************** | 57  |     | 6      | 18  | 0   | ditto   | ä   |
| rd    |             | *************  |     |     | 12     | 2   | 0   | ditto 20 6 12   | Ð.  |
| es    |             |                |     |     | 11     | 19  | 6   | Phoenix110 4 8  | ô   |
| Cia   | ditto       | *************  |     |     | 4      | 2   | 6   | East Caradon 68 5 0                                   | 6   |
| 3-    | Marke Valle |                |     |     | 3      | 16  | 6   | 1144  | 6   |
| d     | ditto       |                |     |     |        | 7   | 6   |   | ļ   |
| erl   | ditto       |                |     |     |        | 1   | 6   |   | jį. |
| in    |             |                |     |     |        | 18  | 6   |   | į.  |
| er    |             |                |     |     |        | 16  | 6   | ditto   | 6   |
| y     | ditto       |                | 35  |     | 4      | 12  | 6   | Wheal Friendship 30 4 15 ditto 20 31 14 ditto 36 3 14 | 6   |
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## COAL MINES REGULATION ACT, 1872.

EXAMINATION FOR MANAGERS' CERTIFICATES OF COMPETENCY. DISTRICT UNDER THE CHARGE OF RALPH MOORE, Esq., H.M. INSPECTOR OF MINES.

H.M. INSPECTOR OF MINES.

NOTICE IS HEREBY GIVEN, that an EXAMINATION for MANAGERS' CERTIFICATES OF COMPETENCY, under the abovement of the control of the co

NERBUDDA COAL AND IRON COMPANY (LIMITED).

SIXTEENTH REPORT.

Notice is acreby given, that an EXTRAORDINARY GENERAL MEETING of the company will be HELD at the London Tavern, Bishopsgate-street, in the city of London, on TUESDAY, the rand day of May, 1876, at One o'clock in the city of London, on Tuesday of many, 1876, at One o'clock in the letter of the company, held on Monday, the 10th inst., for the addition to the Meeting of the company of an Article empowering the company from time to time Articles of the company of an Article empowering the company from time to time Articles of the company of all vivide or consolidate its shares, and making other to reduce its capital, to said divide or consolidate its shares, and making other profits of the feet on the capital and shares of the company.

BETING of the company will be HELD at the same place, at a quarter past One MEETING of the company will be HELD at the same place, at a quarter past One MEETING of the company including the declaration of a dividend, and the election of directors and auditors.

collecting the declaration of a dividend, and the election of directors and subitors.

and notice is hereby further given, that another EXTRAORDINARY GE-And notice is hereby further given, that another EXTRAORDINARY GE-And notice is hereby further given, the sume place immediately after the termistion or adjournment of the Ordinary General Meeting, for the purpose (if minstion or adjournment of the Ordinary General Meeting, for the purpose (if should be company), and additions to, the Memorandum select upon, extra further afterations in, and additions to, the Memorandum solled upon extra further afterations in, and additions to, the Memorandum solled upon the meeting at the company's office. The principal objects to be efficiently these afterations are as follows:—

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rammeration, rendering the same parely contingent upon the dividends paid by
the company:
The Transfer-books will be closed from the 24th instant to the 2nd May, both
lays inclusive.

By order of the Beard,
FREDK. R. BLUETT, Secretary.
No. 18, Finsbury Circus, 19th April, 1876.

R I O T I N T O C O M P A N Y

Notice is hereby given, that the THIRD ORDINARY GENERAL MEETING
of the shareholders will be HELD at the City Terminus Hotel, Cannon street,
EC, or THURSDAY, the 27th day of April, 1876, at Two of ciock precisely, for
the purpose of receiving the directors' report and statement of accounts.
Holdars of share warrants to bearer will receive a card of admission on depositing their warrants at the company's offices in London not later than Twelve noon
on the day of the meeting, or at the Deutsche National Bank, in Bremen, two

he previously.
The retiring auditors are Messrs. Turquand, Youngs, and Co., who, being eligible or relection, offer themselves accordingly.
By order of the Board,
By J. FENNESSY, Secretary.
Offices of the company, 2, Copthall Buildings, London, E.C., 20th April, 1876.

THE CORNWALL CHEMICAL COMPANY
ACONSIDERABLE NUMBER of ORDINARY SHARES in this company
to BE DISPOSED OF.

D BE DISPOSED OF.

Apply, by letter, stating price offered per share, to "S. F.," care of R. F. White is 800, 33, Fleet street, City.

RAILWAY CARRIAGE COMPANY (LIMITED).ESTABLISHED 1847.
OLDBURY WORKS, NEAR BIRMINGHAM.

MANUFACTURERS of RAILWAY CARRIAGES and WAGONS, and EVERY DESCRIPTION of IRONWORK.

Passenger carriages and wagons built, either for cash or for payment,

over a period of years.
RAILWAY WAGONS FOR HIRE.

CHIEF OFFICES,—OLDBURY WORKS, NEAR BIRMINGHAM. LONDON OFFICES,—7, GREAT WINCHESTER STREET BUILDINGS.

THE BIRMINGHAM WAGON COMPANY (LIMITED)
MANUFACTURE RAILWAY WAGONS of EVERY DESCRIPTION, for
BIRE and SALE, oy immediate or deferred payments. They have also wagons
for hire capable of carrying 6, 8, and 10 tons, part of which are constructed spec
allyfor shipping purposes. Wagons in working order maintained by contract.

ELIMIND FOWLER Sec EDMUND FOWLER, Sec.
WAGON WORKS,—SMETHWICK, BIRMINGHAM.

\* Loans received on Debenture; particulars on application.

CONDENSING AND NON-CONDENSING HORIZONTAL STEAM ENGINES, of the highest class, at low prices. FUMPING AND WINDING ENGINES. First-class references. ENGINEERS TOOLS of all kinds, unrivalled for arrangement and genera unfulness, at low prices. Inspection invited.

POLLOCK AND MACNAB,
BRITANNIA IRONWORKS, HYDE, NEAR MANCHESTER.

THE

## PUBLIC SUPPLY ASSOCIATION

(LIMITED).

Capital £100,000, in 100,000 Shares of £1 each.

Incorporated under the Companies Acts, 1862 and 1867.

SPECIAL FEATURES.

FREE DELIVERY (to Shareholders).

THE DISTRIBUTION of all HOUSEHOLD REQUIRE-MENTS from the STORES.

SHAREHOLDERS and the PUBLIC not required to write out their own Lists or Invoice Notes. THE ANNOYANCE of producing MEMBERSHIP TICKETS

entirely dispensed with. PROMPT ATTENTION, as in the best Retail Establishments.

THE PUBLIC may PURCHASE at the STORES at the fixed tariff.

Prospectuses post free on application. Address-

J. A. MORICE, Secretary.

142 AND 144, REGENT STREET; AND 29, 30, 31, Warwick Street, Regent Street, London, W.

M. W.
GENERAL ASSAYER.
CORNWI B A W D E N LISKEARD, CORNWALL.

ANALYSES of every MINERAL PRODUCE CAREFULLY CONDUCTED.

GROGWINION LEAD MINE (LIMITED).

MESSRS. H. HALFORD AND CO., STOCK AND SHARE BROKERS, of EXCHANGE CHAMBERS, CHANGE ALLEY,

LOMBARD STREET, LONDON,

Strongly recommend the ABOVE MINE as one of the BEST and 8AFEST MINING INVESTMENTS. The dividends are declared half-yearly—the one for the last half year was 12½ per cent.; the next one will probably be 20 per cent. The "reserves" are valued at £200,000. Every information upon application to District.

thly Closing Price Lists of Mines and all other Securities sent post free on

application.

Mess, H. H. and Co. are BUYERS of Shares in GROGWINION MINE, and they ship of Shares in WYE VALLEY LEAD MINE; and they will be GLAD TO REAR from BROKERS or DEALERS who have ANY FOR SALE.

THE NEWCASTLE DAILY CHRONICLE

RESTABLISHED 1764.)

CESTABLISHED 1764.)

CHRONICLE AND NORTHERN COUNTIES ADVERTISES

Offices, Westgate-road, Newcastle-upon-Tyne; 50, Howard street, North

Shields; 195 High-street, Sunderland.

In the Court of the Vice-Warden of the Stannaries, Stannaries of Cornwall,

IN the MATTER of the COMPANIES ACTS, 1862 and 1867, and of the ST. JUSTAMALGAMATED MINING COMPANY (LIMITED).

—TO BE SOLD, BY PUBLIC AUCTION, under the direction of the Registrar of the said Court on Tuesday, the 35th day of April instant, at Twelve o'clock at noon precisely, at the 8t. Just Amalgamated Mines, in the Parish of St. Just, in Penwith, within the said Stannaries, in such lots, and subject to such conditions, as shall be then and there stated by the Auctioneer, the WHOLE of the undermentioned

MINING PLANT AND MACHINERY, VIZ. :-

MINING PLANT AND MACHINERY, VIZ.:—

46 in. cylinder ENGINE, 9 ft. stroke in the cylinder and 7 ft. in the shaft, with 10 ton BOILERS; 33 in. cylinder ENGINE, 9 ft. stroke, equal beam and, three 10 ton BOILERS; 33 in. cylinder WINDING ENGINE, with cage, &c., complete; and an 8 ton BOILERS; 32 fms. 5 in. plunger lift; 216 in. pumps; two 16 heads stamps askes, with iron lifters, heads, frames, &c.; chain wire rope; 15 ft. water wheel 16 in. breast; 10 ft. ditto 20 in. breast; 8 ft. ditto 12 in. breast; 5 ft. ditto 12 in. breast; several large wood houses; eight Borlase's buddles, with garing and other buddles; frames, tin chests, and kieves, hunders (various sizes), iron tube of dry, horse whim, new cistern, two large shieves, bridge rails, two iron skips, two 40 in. smiths' bellows, anvils, large quantity of smiths' and miners' tools, quantity of cast steel borer and other seed, several tons of new and useful iron, sexap ditto, four casks grease, crane, typs and plates, double and single blocks, miners' chests, beams, scales and weights, assaying tools, bell and stand, a large quantity of brass, lifting jacks, drop screws, three dozen patent picks, sheetlead, boring muchins, lathe, brass wire gauze, candle chest, new shovels, mills, miners' did, a quantity of timber, &c., account house furniture, and other effects in general use in tin mines. For leave to inspect the above, apply to the agent in charge of the mines, or to Mr. Frederick Warwick, the Official Liquidator of the said company, at No. 25, Bucklersbury, London.

(Agents for Alexander Kerly, 14, Great Winchester-street, London, Solicitors for the said Official Liquidator, Solicitors, Truro.

(Agents for Alexander Kerly, 14, Great Winchester-street, London, Solicitors for the said Official Liquidator, 1877. AND Dated Stannaries Court Office, Truro, the 12th day of April, 1876.

IN THE MATTER OF THE COMPANIES ACTS OF 1862 AND 1867; AND IN THE MATTER OF THE COMPANIES ACTS OF 1002 AND 1001; AND 1001; IN THE MATTER OF THE SHALLEE SILVER-LEAD MINING COMPANY (LIMITED).

IN VOLUNTARY LIQUIDATION.

IMPORTANT TO MINING COMPANIES AND CAPITALISTS.

R. JAMES H. NORTH has received instructions from Henry Parkinson, Esq., the Liquidator of the company, TO SELL, B AUCTION, at his Estate Auction Rooms, 84, Abbey street, Dublin, on Friday, the 28th day of April, 1876, at One o'clock in the afternoon, the well-known

Together with the valuable ENGINES, MACHINERY, and PLANT, all in the most perfect order, held in fee simple, free of dead rent and royaldes.

The mine is situated four mines from Nenagh, and within a few hundred yards of the Nenagh and Birdhill Railway, where ground has been seemed for a siding. From the reports of several eminent mining engineers who have inspected the mine, there is every prospect of its proving highly remunerative when further developed.

eveloped,
For further particulars and conditions of sale, apply to Henry Parkinson, Esq.
5, South Frederick street, Liquidator; Messrs. D. and T. Fitzgerald, St. An
rew-street, Solicitor; or to the street of the street of JAMES H. NORTH, AUCTIONEER, HOUSE AND ESTATE AGENT,

84, ABBEY STREET, DUBLIN.

BURROW AND BUTSON LEAD, BLENDE, AND COPPER MINES, ST. AGNES, CORNWALL.

M. R. JAMES GRIPE is instructed to OFFER FOR SALE, BY PUBLIC AUCTION, at the Account-house on the Mines, on Saturday, the 29th April, 1876, at Two o'clock in the afternoon (under powers contained in a morrgage deed, and subject to such conditions as will be then read), in One Lot, as a going concern, ALL that EXTENSIVE MINING SETT, called

BURROW AND BUTSON,

Situated in the parish of St. Agnes, in the county of Cornwall, together with the WHOLE of the PLANT and MACHINERY thereon, including ONE 80 in. cylinder PUMPING ENGINE, with TWO ROLLERS 12 tons each; ONE 25 in. cylinder WINDING and CRUSHER ENGINE, with 9 ton BOILER; 150 fms. 14, 12, and 7 in. pumps; plunger poles, cases, boxes, glands, hand doorpices, 70 fms. pine rods, capstan, shears, 150 fms. 13-5 in. capstan rope, patent weighbridge, smits' bellows, anvils, and tools; together with Green's patent ore dressing machine, and all the appliances of a mine in full work.

The sett is laid open to the depth of 62 fathons below adit, and is productive of lead, blende, and copper. The machinery is all of the best construction, in every respect equal to new, and in full working order. The lease has about 17 years unexpired.

For inspection, and to view, application may be made to Capt. Christophens and Mr. Grippe, the agents on the mines; and force and for the lease has about 17 years and Mr. Grippe, the agents on the mines; and force and for the lease has about 17 years.

unexpired.

For inspection, and to view, application may be made to Capt. Christophiers and Mr. Gripe, the agents on the mines; and further particulars and information may be obtained of the Auctioneer, 8t. Agnes, Cornwall, or of Messrs. Benham and Tindell, 18, Essex-street, Strand, London.

PRELIMINARY ADVERTISEMENT.

HOCKLEY HALL AND WAKELEY COLLIERIES, NEAR TAMWORTH. MR. S. WALKER is instructed to SELL, BY AUCTION, at the Hen and Chickens Hotel, Birmingham, on Thursday, 11th May, at 2 30 precisely, in One Lot, the VERY VALUABLE LEASES of the

Precisely, in One Lot, the VERY VALUABLE LEASES of the HOCKLEY HALL AND WAKELEY COLLIERIES. extending under upwards of FIVE HUNDRED ACKES, held for long terms at exceeding low royalties, with the VALUABLE SURFAGE RIGHTS, including BUILDINGS, ENGINE and BOILER HOUSES, OFFICES, &c.

The minerals, which are of excellent quality and nearly inexhaustible, consisting of four seams of coal, low groups of ironstone seams, and fire-clay suitable for the manufacture of blue bricks, paving tiles, &c. of very superior quality, for which there is an unlimited demand. The mines are fully equipped, and in capital working order; they have been haid out with the greatest care and skill at an immense outlay, and are capable of a very large daily output. The pit frames and working gear are of the mostapproved and substantial kind; the pit closely adjoins the Midland Railway, which runs for 1 mile through the property, and there are 2 miles of sidings, furuished with all the necessary junctions and signal boxes.

The whole of the very valuable fixed working plant and machinery will be included in the sale, comprising TWELVE STEAM ENGINES and BOILERS (which are nearly new), shafting and gear, the brick making apparatus (capable of turning out 20,00) bricks per day), kins, drying sheds, &c.

The property may be viewed, and particulars and conditions of sale, when ready, obtained at the Hen and Chickens Hotel, Birmingham; the Castle Hotel, Tamworth; the Royal Hotel, Shefield; the Queen's Hotel, Manchester; Adelpih Hotel, Llverpool; of Messrs. WRIGHT, BONNER, and WRIGHT, Solicitors, 48, King William street, London; and at the Anctioneer's offices, St. Stephen's Chambers, Telegraph street, Monogate street. London.

SHARES IN A CELEBRATED MINING PROPERTY

## SHARES IN A CELEBRATED MINING PROPERTY

IN CHILI, YIELDING LARGE PROFITS, FOR SALE.

TIELDING LARGE PROFITS, FOR SALE.

TO BE SOLD, BY AUCTION, at the Mart Tokenhouse-yard, in the City of London, on Tuesday, the 23rd day of May, 1876, at Two o'clock precisely, by Messus. DRIVER, in One or more Lots,
THREE SHARES (in Chili designated Barras) in the CARRIZALILLO MINING COMPANY. The company is divided into 24 shares only.
The CARRIZALILLO COMPANY own the celebrated DESCUBRIDORA MINE, and the three adjoining setts of SAN JUAN, CANCHAS, and SAN FRANCISCO, which are all worked under one administration, and are situate about thirty-three miles from the Pert of Pan de Azucar, from whence there is a good road.

thirty-three miles from the Pert of Pan de Azucar, from whence there is a good road.

The DESCUBRIDORA MINE has been working since 1858, and has yielded large prefits. There are two steam-engines at work, one of 20-horse power and one of 8-horse power for drawing, and there is also a newly-erected power and one of 8-horse power for drawing, and there is also a newly-erected power full engine, with Blake's crusher attached; by the use of the latter the company is enabled to dress and return the large accumulation of low-produce ore, which will now give a considerable profit. The mine is in thorough working order, and well stocked with materials, rails, jiggers, crushers, &c.

The adjoining sets of SAN JUAN, CANCHAS, and SAN FRANCISCO were acquired for the purpose of securing the ground around the Descubridora Mine, and they have since been worked on a limited scale. There is also a shop, which supplies the workpeople, and also horses, carts, and mules.

Also the VEGA WASHING AND JIGGING ESTABLISHMENT, with yards, houses, shep, and stores, about nine miles from Descubridora (a tramroad is being laid down from the mine, which will greatly lessen the costs of carriage to the Vega). There are also dwelling-houses, back-house, yards, store-rooms, ore floors, and mole at Pan de Azucar, with convenient launches for use in loading ships with the ore; and there is also belonging to the company a quinchique establishment, a watering place, situate shout eleven miles from Pan de-Azucar, on the road to Descubridora, with dwelling-house, shop, store, nule yard, water carts, mules, and barness; and in Chanaral Port a dwelling-house of eight rooms, and spacious balcony and store below, with good counting house.

The company also have at Chanaral other houses and sites, and also a complete

ony and store below, with good counting house. The company also have at Chanaral other houses and sites, and also a complete condensing apparatus, with four boilers, &c.

Two-thirds of Descubridora, &an Juan, Canchas, and &an Francisco, with some other property of comparatively small value, were sold in 1872 for the aggregate sum of £90,000, and since then profits have been divided much more than sufficient to repay the purchase money, and there is every prospect of Descubridora continuing to give large profits for a considerable time.

Printed conditions of sale will be shortly ready, and further particulars can be obtained in Chili from Robert Perricks, Eeq., Chanaral, Chill; and in England from Messrs, Driver, the Auctioneers, Whithehall, London; or of 8. T. G. DOWNING, Solicitor, Redruth, Cornwall.

TO COLLIERY OWNERS, AND OTHERS.

TO BE SOLD, BY PRIVATE CONTRACT, as a going concern, the VALUABLE COLLIERY known as

THE BRAICHYCYMAR COLLIERY.

THE BRAICHYCYMAR COLLLIERY,
Late the property of Messrs. MILLER, Sons, and Co., situate in the Garw Valley
South Wales, about eight miles from Bridgend, consisting of about 669 acres, and
held at moderate royalties for a term of which 55 years remain unexpired.
The coal measures contained in the property are the Rhondda series and the
Aberdare series, Nos. 2 and 3 Rhondda seams being now worked.
The property has been recently valued by Messrs. Dobson, Brown, and Adams,
of Cardiff; and a copy of their report, with full particulars, may be obtained on
application to Mr. J. D. Blake, Solicitor, 5, Bell-yard, Doctor's Commons; Messrs,
Fussell and Co., Solicitors, Bristol; Messrs. Denning, Smith, and Co., Auctioneers, Bristol; or to Messrs. James and Edwards, 110, Cannon-street, E.C.

IN THE MATTER OF THE COMPANIES ACTS, 1852 AND 1867, AND OF THE TREVARRACK MINING COMPANY (LIMITED).

OF THE TREVARRACK MINING COMPANY (LIMITED).

TENDERS will be received by the Liquidator of the above-named company at his offices, No. 34, Ethelburga House, 70 and 71, Bishopsgatesteet Within, London, on or before the 5th day of May, 1876, stating the highest price which will be given for the WHOLE of the BENEFICIAL INTEREST of the said company in the TREVARRACK MINE, and for the following MINING MACHINERY, MATERIALS, AND EFFECTS,
Now lying in and upon the Trevarrack Mine, in the parish of Lelant, near Hayle, in the county of Cornwall, and belonging to the said company, comprising a 36 in. PUMPING ENGINE, with 10 ton BOLLER and GEAR, 75 fms. of PUMPS, 50 fms. of Hunders with stands, wooden account-house, stable and saw house, with sundry furniture, chains, tools, and materials.

The Liquidator does not bind himself to accept the highest or any tender. For inspection of the above, apply to the agent, at the mine; and for any fur ther particulars to the undersigned,
Dated at 31, Ethelburga House, 70 and 71, Bishopsgate street Within,
London, this 18th day of April, 1875.

IN THE MATTER OF THE COMPANIES ACTS, 1862 AND 1867, AND OF . THE OLD TINCROFF COASOLS MINING COMPANY (LIMITED).

THE OLD TINCROFT CONSOLS MINING COMPANY (LIMITED).

THE CREDITORS OF THE ABOVE-NAMED COMPANY are required, on or before the 10th 4ty of May, 1576, TO SEND THEIR NAMES AND ADDRESSES, and the PARTICULARS OF THEIR DEBTS or CLAIMS, to me, the Liquitator of the said company, at my offices, Na. 35, Ethelburga House, 70 and 71, Bishopsgate street wheth, in the City of Lon Ion, in detault thereof, THEY WILL BE EXCLUDED FROM THE BENEF. TO FANY DISTRIBUTION made before such debts are elaimed.

Dated this 18th day of April, 1876.

GEORGE STILL, Liquidator.

IN THE MATTER OF THE COMPANIES ACTS, 1863 AND 1857

AND OF THE
ST. AGNES CONSOLS MINING COMPANY (LIMITED)

ST. AGNES CONSOLS MINING COMPANY (LIMITED).

TO BE SOLD, BY AUCTION, BY MESSRS, COOPER AND GOULDING, at the Auction Mart, Tokenhouse-yard, in the City of London, on Thursday, the 18th day of May, 1876, at One o'clock precisely, by direction of the Liquidator (subject to such conditions as shall be then and there produced), ALL the BENEFICIAL INTEREST of the said company of and in the several SETIS under which its mining operations have been extreed on, in the partsh of St. Ann, Cornwall, together with the WHOLE of the MINING PLANT, MALE-RIALS, and EFFECIS, of which an inventory may be inspected at the offices of the auctioners, or at the mine, fourteen days prior to the date of sale.

For leave to inspect, apply to the Agent at the Mine, or to Messrs, Cooper and Goulding, 70 and 71, Bishopsgatestreet Within, London, E.C.

COLLIERY FOR SALE.

COLLIERY FOR SALE.

O BE SOLD, BY PRIVATE CONFRACT, a VALUABLE and EXTENSIVE COLLIERY in SOUTH STAFFORDSHIRE, situate in the centre of that manufacturing district, and having radiway and canal communication with all the principal markets.

The estate contains several hundred acres of the Ten Yard Coal, and the underlying measures in the solid; also Brooch (ribs and pillars, Heathen Coal, Guidbins, and White Ironstones, Fire-clay, and valuable beds of clay and mark suitable for making red and blue bricks.

Two beds of ironstone, fire-clay, and coal are as yet untouched.

The property is freehold and long leasehold, and the greater portion of the purchase money may be paid by instalments.

Only principals will be treated with.

Por puriculars and to treat, apply to H. and J. E. Underwood, 21, Darlingtonstreet, Wolvechampton.

TO CAPITALISTS OR PROMOTERS DESIRING TO

MAKE MONEY.

O BE SOLD, a COLLIERY ROYALTY in NORTH WALES. ... close to rail or shipping port; several starts partially sunk; coal fully proved of FOUR SEAMS of good HOUSE and STEAM COALS, in an area of upwards of 400 acres of surface. It adjoins the West Mostyn Coal Field, just successfully launched, where under seams (including Cannel) have been proved in addition to the above; so that eminent engineers state that the available coal in this royalt, may be 88 feet thick.

Present holder will arrange to sell the entire to an individual or company for what it has cost him, dividing all profit made above, which, even in a normal state of the coal trade, must be large. Certain and safe surveys by eminent Stafford-shire and Welsh engineers have already been made.

Address, "Nil Desperandum," care of Mr. Watson, 15, Fenwick-street, Liverpool

FOR SALE, OR TO RENT, the COAL MINES or COLLIERIES situated in TURRUNCAN and PREJANO (Province of LOGRONO, SPAIN), about 28 kilometres by rail between Bibbao and Tud-da. The coal according to the report of the engineer, Mr. Chevalier, is suitable for producing gas; these mines also produce a quality which appears equal to English Cannel Coal.

The works of exploration already completed show that coal in considerable quantities exists in these mines.

For further particulars and details, as well as for terms of sale or rental, address Den Pedro Ribed, Pamplena, Spain.

SLATE QUARRY.

TO BE LET, a most desirable SLATE QUARRY, situate in the parish of ST. ISSEY, CORNWALL, close by Padstow Harbour. It is most convenient for shipping, as vessels can come and load along-ide either in summer or winter. It also adjoins good roads.

The quarry is partly opened up, where the samples of s'ate can be seen. Apply to Mr. TREMARY, the proprietor, on the premises; or Mr. NICHOLLS, Auctioneer and Accountant, Bospolvars, St. Columb, Cornwall.

FOR SALE, a 35-horse power PORTABLE STEAM ENGINE, with link motion reversing gear, ready for delivery.

An Is-horse power VERTICAL STEAM ENGINE, with link motion reversing arr, also gear to wind and pump.

A \* R. PAN MORTAR MILL, VERTICAL ENGINE, and BOILER.

Apply to-BARROWS AND STEWART, ENGINEERS, BANBURY.

POR SALE:—
ONE 60 ft. OVERSHOP WATER WHEEL, 2 ft. 6 in. breast, iron rings cutre pieces, shaft, wooden arms, buckets, backing.
ONE 12 ft. by 2 ft. 6 in. ditto ditto
ONE 12 ft. by 2 ft. 6 in. ditto ditto
ONE 12 ft. by 2 ft. 6 in. ditto ditto
ONE 13 ft. by 2 ft. 6 in. ditto
ONE 13 ft. by 2 ft. 6 in. ditto
ONE 16 ft. by 2 ft. 6 in. ditto
ONE 16 ft. IRON BOB.
EIGHT LARGE GEAR WHEELS.
ONE 6 ft. revolving and false buttom MORTAR MILL.
A lot of PUMP RODS, JOINTS, TRAM WAGONS, PUMPS, &c., &c.
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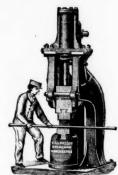
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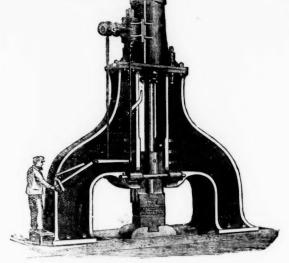
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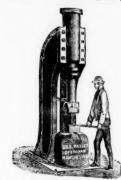


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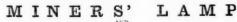
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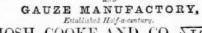
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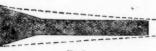
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| THE MINING   | CHAPE LIST   | .   8                   | NON-DIVIDEND MINES.  Muses. Paid, Last Pr. Clos. Pr.   | Shares, Company, Pois  |
|--|--|-------------------------|--|--|
| ppirigu DIV  | SHARE LIST.  TIDEND MINES.  Last Fr. Clos. fr. Total dive. Pershare. Last pa   | 18                      | 000 Aberdaunant, i, Llanidloes   | Company.   Paid.   P |
| Stares, 11d plan Edge c Cheshire* 10 0 0   | 12 11 8 0 0 0Jan. 13   | 76 50<br>75 12<br>78 98 | 1   2   0   0   0   0   0   0   0   0   0  | 10 Bagnall, John, and Sons [L.] 90 0 0 0 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
| 1500 Alderley Edge   100   1   | 26 29 31 619 15 0 5 0 0 Aug. 16 114 1 114 3 16 0 0 2 0 Nov. 18 114 1 114 4 16 8 0 12 6 Oct. 18 1 7 6 0 2 0 Aug. 18   | 75 15<br>72 2<br>75 00  | 1000 Flaen United,* s-!, Cardi,can   | Bilson & Crump Meadow Coll. Co. [L.] 10 0 0 8  Blaen Cwmbach Coal Co. [L.] 4 0 0 8  Blaenavon Iron and Steel Co. [L.] 50 0 0 ptr. 1  100 Bulckow Vanghan and Co. [L.] 50 0 ptr. 1  |
| 5400 Cashwell, l, Cumberland 5400 Carn Brea, c, t, Illogant 5500 Cath. & Jane, l. * Penrhyndendraeth 5500 Cath. & Jane, l. * Illogant 5600 Cath. & Jane, l. * Penrhyndendraeth 5600 Cath. & Jane, l. * Pe | 31 28 30 308 0 0 1 0 0 Feb. 18 0 7 6 0 7 6 June 18 3½ 2½ 3 11 17 0 0 7 6 Jan. 18   | 72 4                    | 1000 Byrambor, t, Cardigan   | 50 Bowling Iron Co. [L.] 40 0 0 11 150 Britannia Ironworks [L.] 50 8 ritannia Ironworks [L.] 50 0 0 0 40 0 0 0 0 0 0 0 0 0 0 0 0 0   |
| 10240 Devon Gt. Consols, c, Tavistock†* \$ 1 0 0 4293 Dolcoath, c, t, Camborne 10 14 10 4400 Devon Helper Willer t, Calstock 10 6 0 0  | 4½ 4 4¼ 118 10 0 0 12 0 May 18<br>38 33 35 109 11 3 0 10 0 Feb. 18<br>1¼ 1 1¼ 0 2 0 0 2 0 July 18  | 74 5                    | 000 Caldbeck Fells, i, Cumberland*   | 5 Cakemore Colliery Co. [L.] 70 0 0 1 2 5 Cammell and Co. [L.] 5 0 0 0 1 2   |
| 10   | 0 6 0 0 2 0Feb, 18<br>176 154 176 14 19 0 0 2 0Oct. 18<br>27 25 27 233 10 0 1 0 0Mar. 18   | 74 20<br>72 10<br>76 24 | 584 Carn Camborne, c, t, Camborne 5 3 8 14 14 19 19 19 19 19 19 19 19 19 19 19 19 19   | 5 Cakemore Colliery Co. [L.] 5 0 0 1 100 Cammell and Co. [L.] 50 0 0 1 20 Cannock and Huntington Coal [L.] 2 0 0 1 10 Cardiff & Swansea St. Coal Co. [L.] 8 0 0 25 10 Cardigan Steel and Wire Co. [L.] 7 10 0 05 10 Central Swedish Iron and Steel [L.] 10 0 0 5 8 Chapel House Colliery 5 0 0 1   |
| 500 East Pool, t, c, Illogan   | 13 13 13½ 14 9 9 0 2 6 Mar. 18<br>4 2 3 20 7 6 0 7 6 Oct. 18<br>82 5 0 0 10 0. Feb. 18   | 76 20<br>74 15<br>76 3  | 000 Cwm Dwyfor, *c, *l, Carnaryonshire 1 0 0 —<br>8000 Cwm Nant Edu, *l, Montgomety 1 0 0 —<br>900 Cwmystwith (New) [5l, shares]   | 10 Central Swedish Iron and Steel [L.]. 10 0 0 0 1 5 Chapel House Colliery 5 0 0 0 1 5 Charleton Iron Co. [L.]. 5 0 0 0 2 1 5 Chatterley Iron Co. [L.]. 40 0 0 2 1 1 Chatterley Iron Co. [L.]. 10 0 0 0 2 1 1 Che Hill Colliery Co. [L.]. 10 0 0 0 5 5 1 Che Hill Colliery Co. [L.]. 1 0 0 0 5 5 1 0 Consett Iron Co. [L.].  |
| 4000 Glasgow Cara., c* [30,000 £1 p., 10,000 178. p.] 15000 Great Dyliffe, * l, Montgomeryshire 4 0 0 4 0 0 4 0 0 2 0 0  | 0 6 0 0 2 0Feb, 18 0 2 11 0 0 5Feb, 18 1 175154 176 14 19 0 0 2 0Oct, 18 27 25 27 233 10 0 1 0 0Mar, 18 27 25 27 14 19 0 0 2 5Mar, 18 27 26 27 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 76<br>76<br>16<br>74    | 000 Cwm stwith (New) [8], shares   4 0 0   | 10 Chillington Iron Co. [L.] 10 0 0 54<br>1 Clee Hill Colliery Co. [L.] 1 0 0 54<br>10 Consett Iron Co. [L.] 7 10 0 12   |
| 1 2 0 6 0 6 400 Green Hurth, I, Durham U 6 0   | 1½ 1½ 1¼ 1 12 0 0 4 0Oct. 18   | 74                      | 512 East Basset, c, Redruthff  | A Clee Hill Collery Co. [L.] 1 0 0 % 10 Consett Iron Co. [L.] 71 0 0 13 1 Consett Spanish Ore [L.] 1 0 0 15 0 Cooke, William, and Co. [L.] 30 0 25 2 Darlington Iron Co. [L.] 30 0 25 2 5 Darlington Fron Co. [L.] 1 0 0 7   |
| 1024 Herodsfoot, I, near Liskeard†   | 34 331 62 5 0 0 15 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 75 8                    | 1000 East Grenville, c, Camborne   | 5 Diamond Fuel Co [L.] 4 10 0. 104 1 32 Ebbw Vale Co. [L.] 29 0 0. 14 1 100 Fox, Sanuel, and Co. [L.] 80 0 0 1 2 1   |
| 400 Lisburne, I, Cardiganshire 0 10 0  | 0 17 6 0 1 6 Jan. 18   | 76 2                    | 000 Elgar, * s-l, Cardiganshire  | 20 Darlington Iron Co. [L.]  |
| 9000 Melindur Valley, I, Cardigan 5 0 0  | 13 12 13 64 10 2 0 5 0Feb. 18 23 11 6 0 3 6Jan. 18   | 76<br>76<br>75          | 1000 Prank Mills, !, Christow  | 50 Knowles, Andrew, and Sons [L.] 17 00 9%   |
| 512 North Busy, c, Chacewater  | 0 0 9 0 0 9 Feb. 18  | 75 1:<br>78 1:<br>74 1: | 1950 Gawton, c, Tavistock  | 50 Llynvi, Ogmore, & Tondu Co. [L.] 50 00 27   |
| 9258 Old Treburgett, s-l (10 per ct. pret.) 9 10 0<br>9530 Pedn-an-drea, t, Redruth 9 17 0<br>5000 Penhalls, t, S. Agnes 3 0 0   | 2 11/2 2 31 14 2 31 14 32 14 3 | 371 16                  | 1 0 0   2000 Gobbett, t, Dartmoor   1 0 0   2000 Goginan, and Level Newydd, Card., t 2 10 0   2000 Gold, q, Merionethshire   1 0 0   3 0   210 Gorsedd and Merllyn Cons., , Flint   2 10 0   3 2½ 3  | 10 Marbella Iron Oce (L.)  |
| 1.798 Penstruthal, 7, c, Gwennap. 2 0 0<br>8000 Phenix, 1, c, Linkinhorne 6 4 13 4<br>8000 Prince Patrick, 3-l, Holywell 1 0 0<br>1120 Providence, 1, Lelant 6 1 1 6 15 7<br>2000 Roman Gravels, 1, Salop 7 1 10 0   | SF 15 10 V . U NOV. 18   | 26 26                   | 15:0 Gorsedd and Merllyn Cons., Fint.   2 10 0.   3 2½ 3   |  |
|  |  | 376 110                 | 1000 Harehope Gill,* \( \lambda \), Durham (£1 sh.) 0 3 6 1 1 14 14 0 Harwood,* \( \lambda \), Durham 0 15 0 1 1 1½ 1900 Keswick United \( \lambda \) * 5 0 0 —  | 10 New Sharlston Collicries [L.] Pref 20 0 0 par<br>10 Newport Abercarn Coal Co. [L.] 8 0 0 l6   |
| 0000 So. Pr. Patrick, * s-1.(8000 sh. issued) 1 0 0<br>2000 Tankerville, l, Salop *  | 12 11 12 4 2 0 0 5 0 Feb. 18   | 76 2<br>76 1            | 3000 Killifreth, t, Chacewater   | 1 Norton Green Coal Co. [L.]   |
| 5000 Van, i, Llanidlees 4 5 0  | 41 P38 17 9 6 0 16 0 Mar. 18   | 876<br>876              | 2506 Lecant, c, t, 8t, Just 9 6 8 — — — — — — — — — — — — — — — — — —  | 20 Patent Nut and Bolt Co. [L.]  |
| 1783 West Poldice, St. Day   10 0 0  | 10 8 5 0 0 5 0 July 16   | 872                     | 5000 Llanrhaiadr, i, Montgomery (C2 sh.)   1 10 0   2/4 3/4  | 20 Peisall Coal and Tron 1.]. 10 0 0<br>20 Peisall Coal and Iron 1.]. 15 0 0 48<br>50 Phenix Bessemer Co. [L.]. 40 0 0<br>50 Rhymney Iron Co. [L.]. 50 0 0 34<br>100 Sandwell Park Colliery Co. [L.]. 100 0 0  |
| 2042 Wheal Kitty, t, St. Agnes 5 4 6 80 Wheal Owles, t, St. Just 5 5 6 6000 Wheal Prussia, t, Redruth 2 0 0  | 2\frac{12}{2} 2\frac{12}{2} 11 19 6 0 2 6Dec. 19 140 1/0 2 522 10 0 4 0 0 Aug. 19 0 3 3 0 2 0Dec. 19 6\frac{1}{2} 9 0 0 2 6Mar. 19 7 6\frac{1}{2} 7 0 6 0 0 3 0Aug. 18   | 874<br>879<br>875       | 3000 Menanear, c, Hayle  | 50 Ditto New 10 0 0 50 Shotts Iron Co. [L.] 50 0 0 134 1 100 Sheepbridge Iron and Coal [L.] 55 0 0 184 1   |
| FORFICK DIA  | TIDEND MINES.  | 1.1                     | 4000 Nanty, l, Montgomeryshire*  | 20 Skerner Fromworks [L.] 20 0 0 18/2 15 20 Skerner Fromworks [L.] 20 0 0 18/2 15 50 Somorrostro Iron Co. [L.] 50 0 0 17 0 0 17 0 0 17 0 0 17 0 0 17 0 0 17 0 0 100 Stareley Iron and Coal Co. [L.] 60 0 0 42  |
| 5500 Alamillos, l, Spain*†   | 2½ 1½ 2½   | 876 2<br>875 2<br>875   | 2000 New Caroline, c, Perranutinoe 1 0 0  1 0 0  1 0 0  6 0  6 0  1 5/4 6/4  2000 New Chiverton, */, Perranutinoe 6 0 0  1 5/2 1  2000 New Crickheath, */, Shropshire 2 0 0  2000 New Crickheath, */, Shropshire 2 0 0  2000 New Doleouth, t., C, Camborne* 3 0 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  2000 New East Foxdale, s./, 1-le of Man 0 15 0  | 100 Staveley Iron and Coal Co. [L.]  |
| 2320 Burra Burra, c. So. Australia 5 0 0   | 70 0 0 0 10 0 Oct. 1   | 872                     | 2 00 New Hendra, t, Breage 2 9 0 14 1 14   | 100 Thames Iron Company  |
| 2320 Burra Burra, * c, So, Australia 5 0 0 0 0 0 0 Cape Copper Mining, *† So, Africa 7 0 0 0 0 0 Cedar Creek, g, California * 5 0 0 0 0 0 0 Central American Association *† 0 16 6   | 40 28 40 23 15 0 1 0 0Mar. 1: 56 32 53 0 5 0 0 2 6June 1: 0 6 0 0 1 0July 1:   | 876 L<br>873<br>869     | 0000 New North Pool, c, Illogan 3 0 0 3 2 3  | 20 Ulverston Mining Co. (L.)   |
| 1000 Colorado Terrible, s.l, Colorado*† 5 0 0 0 0 0 0 Copiapo, c, Chili* (£2 shares) 16 15 0 0 0 0 Den Fedro North del Rey*† 0 16 0  | 2 1½ 2 0 13 6 0 4 0 Jan. 19<br>7 8 5 0 2 6 Jan. 19<br>34 ¼ 34 2 5 9 0 2 0 Mar. 19  | 875<br>876 1<br>872 2   | 540 New Femioroke, t, c, Par Station 5 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9   | 80 Welsh Ironworks Co. [L.]  |
| 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 40 38 40 23 15 0 1 0 0 Mar, 1:   | 871<br>872<br>876       | 2000 North Wheal Towan, t, c, Illogan 1 19 8 1 1000 North Rosewarne, c, Gwinear 6 12 8 1 114 114 1 1 1 1 1 1 1 1 1 1 1 1 1   | 5 West Swansea Collery Co. [L.] 5 0 0<br>10 Whitehaven Iron Co. [L.] 10 0 0  |
| 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 134 135 134 4 2 0 0 5 0 July 10  | 873<br>876              | \$600 Old Talargoch, /, Filintshire* 2 0 0 2500 Old Tineroft, c, f, Lelant* 4 0 0 434. 434 435 5023 Parys Mountain,* c, Anglesea 3 0 0 34. 56 34   | 100 Wigan Coal and Iron Co. [L. 75 0 0   |
| 8000 Kapunda Athing Co. Australia† 1 3 0<br>0000 Last Chance, s,* Utah 5 0 0<br>5000 Linares, l, Spain*† 3 0 0<br>5000 London and California, c*† 2 0 0  | 0 2 4 0 0 8 June 1<br>0 14 0 0 2 0 July 1<br>5½ 4½ 5½ 15 14 2 0 10 0 Mar. 1<br>35 4 33 0 1 0 0 1 0 Mar. 1  | 873<br>873<br>876<br>1  | rate ey Bridge, t, Torkshire 5 0 0 5½ 5 5½   | WAGON COMPANIES,   |
| 7837 Lusitanian, Portugal*f (£5 shares). 3 10 0 5000 Mammoth Copperopolis of Utah, c, s 10 0 0 5000 Mcuntain Chief, s, Utah*   | 1 34 1 1 11 6 0 1 6Mar. 1 0 5 0 0 5 0 Dec. 1 0 4 0 0 4 0 Jan. 1  | 873 1<br>872 1<br>873   | 2000 Pennant, t, ar., North Wales*   5 0 0 6 5 5/2 6/200 Pennerley, t, Biropshire*   2 0 0 21/4 2 21/4 2 20/200 Pennerley, t, Biropshire*   2 5 0 5/2 6/200 Pivnlimmon, t, Llanidloes*   2 5 0 5/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6   | 10 Birmingham Wagon Co. [L.]     10 0021       20 British Wagon Co. [L.]     10 0034       20 Shieffeld Wagon Co. [L.]     15 0034       10 Yorkshire Wagon Co. [L.]     10 0034   |
| 10000 Pontgibaud, s-l, France†   | 0 19 17 19 20 14 2 1 3 2 Nov. 1 75 4 73 1 8 0 6 10 Jan. 1 6 5 6 5 6 5 2 14 0 0 7 6 May 1   | 875<br>875<br>875<br>1  | 5000 Rookhope, I. Durham*  |  |
| 20000 Scottish Australian Mining Co.*† 1 0 0<br>80000 Scottish Austral: Mining Co. New 0 5 0<br>12500 Sierr. Buttes, g, California*† 2 0 0   |  | 875<br>875<br>876       | 8000 Rosewarne United, c, t, Gwinear 1 10 0 3000 Russell, s-l, Swymbridge 0 6 0  | TELEGRAPH COMPANIES. St."Anglo-American  |
| 253000 St. John del Rey*† (£5 stock and multiple<br>5000 Sweetland Creek, g, California*† 4 0 0<br>10000 Telima, g, s* (8000 sh. are £5 f. pd.) 4 10 (   | sdealt in 370 390 ½ year 25 p. ct. for Dec. 1 2½ 2 2½ 3 6 0 0 2 0 Mar. 1 3 4 0 11 6 0 6 6 May 1  | 875<br>876<br>874       | 5000 Silvercross, * c, t, Marazion 1 0 0 1½ 1 1½ 4200 Snowbrook, st, Montgomery 5 0 0 5 4½ 5 2.000 South Bwadrain, st, Llanbadarnfawr 0 10 0 6000 South Cwmystwith, t, Cardiganshire. 0 10 0 2½ 2 2½   | 10 Brazilian Submarine   |
| NON-DIVIDEND   | ) FOREIGN MINES,  Paid. Last Pr. Cos. Pr. Last Ca.   | 875                     | 5000 South Defren, t, Cardigan 100 0 110 0 512 South Defcoath, c, t, Redruth 12 5 0 1½ 1 1½ 5000 South Great Work t, St. Hilary 2 14 0   | 25 Indo-Edropean Extension 10 0 0 at/  |
| 0000 Anglo-Australian, g, Victoria*<br>5000 Anguilla Phosphate, West Indies (4000 issue:<br>2000 Argentine, g, Argentine Republic<br>0000 Australian Central, g* (also 5000 deferred sha<br>3000 Bellavista, s, Peru* (£10 shares)   | Paid.   Last Pr. Cics. Pr. Last Ca.   2 10 0   | 872 1<br>pd.<br>pd.     | 2000 South Lisburne, f, di, Cardigan 0 12 6  | 8 Reuters 8 0 0 15 2 8tk. Submarine 100 0 0 15 2 10 West India and Panama 10 0 0 0 8 2 20 Western and Brazilian 20 0 0 0 8 3 1000 Western Union, 7 per cent. Mort. Bonds 31000 88 1  |
| 3000 Bellavista, s, Peru* (£10 shares)<br>3000 Blue Tent, hyd., California<br>3000 Braganza, g, Brazil*†   | 10 0 0   | pd. 1<br>pd. pd. 870    | 937 South Wheel Crofty e Illians 91 6 10 19 12 12  | 1000 Western Union, 7 per cent. Mort. Bonds \$1000 103   |
| Bood Benavisa, *, *Fern' *L'10 shares)  Bood Biu Tent, *hyd., California  Braganza, g. Brazil*†  10000 Camp Floyd, s. Utah*  10000 Camp Floyd, s. Utah*  10000 Camp Floyd, s. Utah*  10000 Camp Bulphur Company, Romanga, Italy*  10000 Cesens Bulphur Company, Romanga, Italy*  10000 Ciliton, s. Colorado*  10000 Creacent, g. Plumas County, California*  10000 Exchequer, g. s, California*  10000 Exchequer, g. s, California*  10000 Holcombe Valley, g. *California*  10000 Internation and Bolivia, g. New Granada*  10000 Gillorado S. *L. *(10 shares) Bpain  10000 Internation S. *L. *(10 shares) Bpain  10000 Int | 10 0 0   | nd !                    | 422 Spearn Moor, t, Penzancei  | MISCELLANEOUS.   |
| 6 900 Condes of Chili, s-1  6000 Crescent, g, Plumas County, California*  5000 Excelsior Hydraulic Gold Washing Co., Cali  6000 Exchequer, g, s, California*   | 5 0 0 7 6½ 7 Fully 10 0 0 6½ 7 Fully Ifornia* 6 0 0  | 871 1                   | 8000 St. Lawrence, Amal., i., Flintshire* 2 0 0. —   | 8tk. Atlantic and Great Western Leased       Lines, Rental Trust       25 Austral. Mort. Land and Finance (L.)     6 0 0 4       25 Australian Agricultural     21 10 0 8       10 Avonside Engine (L.)     7 0 0 4  |
| 5000 Frontino and Bolivia, g, New Granada*†<br>0000 Holcombe Valley, g, * California   | 2 0 0 1% 15% 17%Fully 1 0 0 23%1% 25%Fully 1 0 0 1514 15July 1 10 0 0 1514 15Jun 1   | pd. 873                 | 0000 Talybont, * s-l, Talybont   | Stk. Baltimore and Ohio, 8 per cent 100 0 0109 Stk. Cent. of New Jersey Con. Mort 100 0 0 91 Stk. Cent. Pacific of Calif., 1st Mort. 6 p.c. 100 0 0 95   |
| 0000 I.X. L., g, s, California* 0000 Javali, g, Nicaragua* 2000 Lanestoss, l, z, Viscava, Spain (22 shares)  | 5 0 0 Fully 1 1½ Fully 2 0 0 ½ ½ ½ Fully 15 0 ½ ½ Fully  | pd.<br>pd.<br>pd.       | 1900 Teigh Valley   1, bor., Bridford   1 0 0  | 25 City of London Real Property [L.] 12 0 0 4<br>25 Copper Miners of Eng. (7 p. c. pref.) 25 0 0 4<br>5 Credit Foncier of England [L.] 5 0 0 1%  |
| 5000 Malabar, g, Colombia* (65000 issued)<br>9000 Malpaso, g, Colombia* (10000 pref. shares, from Menzenberg, c, Honnef, Germany*  | ully paid) 1 0 0   | pd.<br>pd.<br>pd.       | 12000 Trethellan, s-l, Crantock*   | 5 Diamond Rock Boring 4 10 0 1¼ 15 English and Foreign Credit 8 0 0 3½ 15 Foster, Potter, and Co. [L.] 10 10 0 10 5 Gen. Phos. & Chem. Works Co. [L.] 5 0 0  |
| 3000 New Quebrada, c. Venezuela* 0000 New Rosario, s. Mexico* 0000 New Zealand Kapanga, g. Coromandel*   |  | pd.<br>pd.<br>pd.       | 5174 Unity Wood, t.c., Kenwyn. 315 6 15%, 11% 15% 1500 Van Consols, t. Llanidloes 210 0 25%, 25% 25% 1600 West Arsteton, t. Carnarvon 10 0 -25%, 25% 25% 1600 West Arsteton, t. Carnarvon 10 0 2 17%, 25% 1600 West Basset, c. Huganty 5 0 2 15%, 24% 25%  |  |
| ocoo Oregon, g, Oregon, U.S. (preference shares) 0000 Panulcillo, c, Chili*f(£80000 debentures) 0000 Pestarena United, g, Italy*f 0000 Rica, g, Colombia* (4000) issued  | 4 0 0 74 /2 /4 Fully   | pd.<br>pd.<br>pd.       | 1000 West A.S.icton, I, Carnarvon  | 17   Hudson's Bay Company   17   0 0 19%   |
| 5000 Rio Tinto, c, Huelva, Spain 0000 Rossa Grande, g, Brazil*† (£l shares) 0000 Russia, c, Orenburg and Uta*†   | 10 0 0 5½ 4½ 5½Fully  10 10 0 0 5½ 4½ 5½Fully  0 19 0 ½ ½ ½ 3½July  10 0 0 3½ 3½ 3½  | pd.<br>pd.<br>1872      | 5000 West Godolphin, f, c, Breage  | 8tk. Ditto, 6 per cent       100 0 000         7½ Imperial Credit [L.]       7 10 07         — Ditto, Surplus Certificate       5         Cent North Science       100 0 000½  |
| 0000 Santa Barbara, 'g, Brazil<br>1000 Silver Plume, s, Colorado"<br>7500 Snowdrift, s, Colorado"  | 2 0 0 2½ 2½ 2½ Fully   | pd.<br>1875<br>pd.      | 12000 West Maria & Fortescue t, c, Lamer, 4 12 6 35 ¼ ½ 3.00 West Mary Ann, t, Menheniot 0 3 6 ¼ ½ ½ 50000 West Milwr, s-t, Flint 1 1 0 0  | 10 Milner's Safe [L.] 10 0 0 11 25 National Discount [L.] 5 0 0 88 8tk. N. Cent. Rail. Con. Mort., 6 per cent. 10 0 0 92   |
| 0000 Tecoma, s, Utah* 0000 Thornhill Reef, g, Australia* 3374 United Mexican, s, Mexico*17   |  | pd.<br>pd.<br>pd.       | 5000   West Mary Ann, t, Menheniot   0   3   6   1/2 | 5 Patent Gunpowder Company 5 0 0 43<br>8tk. Pennsyl Gen. Mort. 6 p. cent., 1910. 100 0 0169<br>[5tk. Ditto, Con. Sink. Fund, 6 p., ets., 1905 100 0 0100<br>50 Panjundar and Grinnis Steam. 50 0 33  |
| 15000 Victoria (London)*, g, Australia (25,000 sh.)<br>15000 Yorke Peninsula, c, South Australia<br>16000 Yorke Peninsula, s, Bouth Australia  | 16s. pd.) 1 0 0 Fully Fully 1 0 0 4 14 34 Fully  | pd.<br>pd.<br>pd.       | 1463 West Polbreen, *, Bt. Agnes   | 10 Silber Light (ord. Sh.)   |
| FOREIGN AND MISCELLANEOUS  | ence last dividend was paid.  TOCKS, BONDS, LOANS, AND TRUSTS.   | pd.                     | 12000 West Tankerville, I, Salops  | 12 Telegraph Construc. & Mainte, [L.]. 12 0 0 28<br>5 Ditto, Second Bonus Three per Cents 5 0 0 28<br>10 Tharsis Sulphur and Copper Co 10 0 0 28<br>Stk. Union Pacific Land Grant, 1st Mort. 100 0 0 38<br>Stk. Union Pacific Railway, 1st Mort 100 0 0 34   |
| Argentine, 1868, 6 per cent  | Foreign and Cal Com To Closing Fri   | ces.                    | 2500 Wheal Aribur, t. c. Calstock  | BIK. Union I acine hanway, ise more in   |
| Chillan, 1866, 7 per cent  | Do., 5 per cent., 2d issue 67 64 Do., 6 per cent., 2d issue 67 64 Do., 1872, 4th issue 68 67 68 Do., 1873, 4th issue 68 67 Peruvian, 1870, 6 per cent 1914 20 Do. 1872, 5 per cent 1914 20   | xd.                     | 741 When Basset and Grylle, t 9 18 6. — 6000 When Cartes, t, St. Agmes 2 0 0 — 6000 When Cartes, t, St. Agmes 2 0 0 — 6000 When Cartes, t, St. Agmes 1 1 0 0 — 2½ 2 2½ 8240 When Emma, t, c, Buckfastleigh 1 10 0 — 517e When Grenville, c, Camborne* 11 11 6 — 1½ ½ 1 1200 Wt. Mary Huitchings, t, Plympton 1 14 0 — 24 2 2½ 200 When Peevor, t, Redruth 6 1 0 — 24 2 2½ 200 When Peevor, t, Redruth 13 0 6 1 ½ 1½ 1½ 1½ 600 When I Vincent, t, Alternun 1 11 0 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 10 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vincent, t, Alternun 1 1 0 — 600 When I Vincent, t, Alternun 1 1 1 0 — 600 When I Vince              | 5, blende; cl, coal; c, copper; g, gold; l, tead; s, silver. * Limited Liability Companies; † quoted on the Stock l I have paid dividends.   |
| Do., 1865, 7 per cent. 42 47<br>Do., 1865, 7 per cent. 42 47<br>Do., i per cent., V.M.L. 47 54<br>Do., per cent. giar. 43 59<br>Do., 7 per cent., K.M.L. 37 40   | Pernyan, 1870, 6 per cent. 1915 26  Do. 1872, 5 per cent. 155; 16  Russian, 5/5 per cent. L. Mort. 55  Gambia, Quide-Siver Mort., 5 p. cent. 83  United State s Mort., 6 per cent. 67½ 98  | 1/2                     | 12000 Wh. Mary Hutchings,* t, Plympton. 1   14 0   72  | London: Frinted by Richard Middleton, and pallenny English (the proprietors), at their office, STREET, E.C., where all communications are requestioned.—April 22, 1876.  |
| Do., 7 per cent., K.M.L.   |  |                         | 2000 Willoughby, l, Lianrwst   |  |